Canadian Intellectual Property Office

An Agency of Industry Canada

Office de la propriété intellectuelle du Canada

Un organisme d'Industrie Canada

ISSN-1712-4034

The Patent Office Record

La Gazette du Bureau des brevets

Vol. 144 No. 46 November 15, 2016 Vol. 144 No. 46 le 15 novembre 2016

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

Table of Contents
Table des matières

Notices
Avis 1

Canadian Patents Issued
Brevets canadiens délivrés 20

Canadian Applications Open to Public Inspection
Demandes canadiennes mises à la disponibilité du public 69

PCT Applications Entering the National Phase
Demandes PCT entrant en phase nationale 83

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection
Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant 164

Index of Canadian Patents Issued
Index des brevets canadiens délivrés 190

Index of Canadian Applications Open to Public Inspection
Index des demandes canadiennes mises à la disponibilité du public 199

Index of PCT Applications Entering the National Phase
Index des demandes PCT entrant en phase nationale 202

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection
Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant 216

Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After December 29, 2015

1.	**Transmittal Fee** (Rule 14)	**$300**
2.	**International Filing Fee**	**$1782***
	For each additional sheet over 30	**$20**
3.	**International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 29 décembre 2015

1.	**Taxe de transmission** (Règle 14)	**300 $**
2.	**Taxe de dépôt internationale**	**1782 $***
	Pour chaque feuille au delà de 30	**20 $**
3.	**Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*))	**$268**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$135** for all applications filed using PCT-EASY,
- **$268** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$402** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**268 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **135 $** pour toutes les demandes déposées en utilisant PCT-EASY,
- **268 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **402 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts.*

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. *Registered Mail™* and *Xpresspost™* Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail ™* and *Xpresspost™* services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the *Registered Mail ™* and *Xpresspost™* services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Service *Courrier recommandé MC* et *XpresspostMC* de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandéMC* et *XpresspostMC* de Postes Canada sont des établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandéMC* et *XpresspostMC* de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of November 15, 2016 contains applications open to public inspection from October 30, 2016 to November 5, 2016.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 15 novembre 2016 contient les demandes disponibles au public pour consultation pour la période du 30 octobre 2016 au 5 novembre 2016.

17. Disclaimer

A disclaimer has been filed and recorded on December 2, 2015 for Canadian Patent No. 2,474,444 granted on October 23, 2007 to Canadian Auto Preservation Inc. with respect to the subject matter of the claims 2, 3, 4, 6, 8, 10, 12, 13.

17. Renonciation

Une renonciation a été déposée le 2 décembre 2015 relativement au brevet canadien no. 2,474,444 concédé le 23 octobre 2007 à Canadian Auto Preservation Inc. Concernant la matière les revendications 2, 3, 4, 6, 8, 10, 12, 13.

Canadian Patents Issued

November 15, 2016

Brevets canadiens délivrés

15 novembre 2016

---

[11] **2,333,910**
[13] C
[51] **Int.Cl. C12N 15/18 (2006.01) A61K 38/18 (2006.01) C07K 14/475 (2006.01) C07K 14/48 (2006.01) C12N 5/16 (2006.01) C12N 15/11 (2006.01) C12N 15/63 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01) G01N 33/68 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **NEUROTROPHIC GROWTH FACTOR**
[54] **FACTEUR DE CROISSANCE NEUROTROPHIQUE**
[72] GEERTS, HUGO ALFONSO, BE
[72] MASURE, STEFAN LEO JOZEF, BE
[72] MEERT, THEO FRANS, BE
[72] CIK, MIROSLAV, BE
[72] VER DONCK, LUC AUGUST LAURENTIUS, BE
[73] JANSSEN PHARMACEUTICA N.V., BE
[85] 2001-01-11
[86] 1999-07-14 (PCT/EP1999/005031)
[87] (WO2000/004050)
[30] GB (9815283.8) 1998-07-14
[30] US (09/248,772) 1999-02-12
[30] US (09/327,668) 1999-06-08

---

[11] **2,384,494**
[13] C
[51] **Int.Cl. H01M 4/139 (2010.01) H01M 4/13 (2010.01) H01M 4/133 (2010.01) H01M 4/136 (2010.01) H01M 4/1393 (2010.01) H01M 4/50 (2010.01) H01M 4/58 (2010.01) H01M 10/44 (2006.01) H01M 10/052 (2010.01)**
[25] EN
[54] **LITHIUM METAL DISPERSION IN SECONDARY BATTERY ANODES**
[54] **DISPERSION DE LITHIUM METALLIQUE DANS LES ANODES DE PILES SECONDAIRES**
[72] GAO, YUAN, US
[72] BURBA, JOHN L. III, US
[73] FMC CORPORATION, US
[86] (2384494)
[87] (2384494)
[22] 2002-05-01

---

[11] **2,417,962**
[13] C
[51] **Int.Cl. A61B 17/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CLOSING VASCULAR PUNCTURE USING HEMOSTATIC MATERIAL**
[54] **METHODE ET APPAREIL DE FERMETURE DE PERFORATION VASCULAIRE AU MOYEN DE MATERIEL HEMOSTATIQUE**
[72] ZHU, YONG HUA, US
[72] KIRSCH, WOLFF M., US
[73] LOMA LINDA UNIVERSITY MEDICAL CENTER, US
[85] 2003-01-31
[86] 2001-08-02 (PCT/US2001/024462)
[87] (WO2002/009591)
[30] US (60/222,525) 2000-08-02

---

[11] **2,441,169**
[13] C
[51] **Int.Cl. G07F 17/32 (2006.01) A63F 9/24 (2006.01) G07F 17/34 (2006.01)**
[25] EN
[54] **GAMING MACHINE DISPLAYING SPECIAL SYMBOL HAVING RANDOMLY SELECTED FUNCTIONS**
[54] **APPAREIL DE JEUX DE HASARD AFFICHANT UN SYMBOLE SPECIAL AVEC FONCTIONS SELECTIONNEES AU HASARD**
[72] GAUSELMANN, MICHAEL, DE
[73] GTECH GERMANY GMBH, DE
[86] (2441169)
[87] (2441169)
[22] 2003-09-17
[30] US (10/300,223) 2002-11-19

---

[11] **2,474,887**
[13] C
[51] **Int.Cl. G06F 9/46 (2006.01) H04L 12/24 (2006.01) H04L 12/26 (2006.01) H04L 12/28 (2006.01) H04L 12/46 (2006.01) H04L 29/06 (2006.01) H04L 29/12 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM OF PROVISIONING A DESIRED COMMUNICATION SERVICE FOR A USER ACROSS A NETWORK**
[54] **METHODE ET SYSTEME DE FOURNITURE D'UN SERVICE DE COMMUNICATION A UN UTILISATEUR DANS UN RESEAU**
[72] MCKEOWN, JEAN CHRISTOPHE, FR
[72] CHABRIER, HENRI, FR
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[85] 2004-07-29
[86] 2002-03-26 (PCT/GB2002/001461)
[87] (WO2002/077808)
[30] EP (01480025.4) 2001-03-26
[30] EP (01401351.0) 2001-05-22
[30] EP (01401767.7) 2001-07-03

[11] **2,478,912**
[13] C
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0402 (2006.01) A61B 7/04 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING A LIKELIHOOD OF CARDIOVASCULAR DISEASE FROM ANALYZING CARDIOVASCULAR SOUND SIGNALS**
[54] **METHODE ET SYSTEME DE CALCUL DE LA PROBABILITE DE MALADIE CARDIOVASCULAIRE A PARTIR DE L'ANALYSE DE SIGNAUX SONORES CARDIOVASCULAIRES**
[72] MOHLER, SAILOR HAMPTON, US
[72] MULHOLLAND, DAN, US
[72] FIGGAT, ALAN, US
[72] HOLFORD, WARREN, US
[73] SONOMEDICA, INC., US
[85] 2004-09-13
[86] 2003-03-18 (PCT/US2003/008023)
[87] (WO2003/079891)
[30] US (60/364,605) 2002-03-18

[11] **2,503,357**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01) H04W 4/00 (2009.01)**
[25] FR
[54] **DEVICE AND METHOD FOR MANAGING DATA BETWEEN COMMUNICATION FACILITIES TO OBTAIN A MOBILE SERVICE**
[54] **DISPOSITIF ET PROCEDE DE GESTION DE DONNEES ENTRE EQUIPEMENTS DE COMMUNICATION EN VUE DE L'OBTENTION D'UN SERVICE MOBILE**
[72] BANATRE, MICHEL, FR
[72] CABILLIC, GILBERT, FR
[72] COUDERC, PAUL, FR
[73] INRIA INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, FR
[85] 2005-04-21
[86] 2003-10-10 (PCT/FR2003/002997)
[87] (WO2004/043035)
[30] FR (02/13387) 2002-10-25

[11] **2,510,557**
[13] C
[51] **Int.Cl. A01H 1/00 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/08 (2006.01) C12N 15/10 (2006.01)**
[25] EN
[54] **TOMATO PLANTS THAT EXHIBIT RESISTANCE TO BOTRYTIS CINEREA**
[54] **PLANTS DE TOMATE PRESENTANT UNE RESISTANCE A BOTRYTIS CINEREA**
[72] GABOR, BRAD KANE, US
[72] FRAMPTON, ANNA JULIA, US
[72] BRAGALONI, MAURO, IT
[72] TANKSLEY, STEVEN D., US
[73] SEMINIS VEGETABLE SEEDS, INC., US
[73] CORNELL RESEARCH FOUNDATION, INC., US
[85] 2005-07-14
[86] 2003-04-22 (PCT/US2003/012256)
[87] (WO2003/090521)
[30] US (10/131,156) 2002-04-24
[30] US (10/278,360) 2002-10-23

[11] **2,557,516**
[13] C
[51] **Int.Cl. G06F 21/31 (2013.01) G09C 5/00 (2006.01) H04L 9/28 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **NON-ALGORITHMIC VECTORED STEGANOGRAPHY**
[54] **STEGANOGRAPHIE DIRIGEE NON ALGORITHMIQUE**
[72] GRACE, DAVID, US
[73] METAVANTE CORPORATION, US
[85] 2006-08-25
[86] 2005-02-28 (PCT/US2005/006533)
[87] (WO2005/082104)
[30] US (60/548,834) 2004-02-26
[30] US (11/067,294) 2005-02-25

[11] **2,571,156**
[13] C
[51] **Int.Cl. A61K 33/00 (2006.01) A61K 31/198 (2006.01) A61K 31/7004 (2006.01) A61P 3/12 (2006.01)**
[25] EN
[54] **ELECTROLYTE SUPPLEMENT AND METHOD OF USE**
[54] **SUPPLEMENT HYDRO-ELECTROLYTIQUE ET METHODE D'UTILISATION**
[72] JOHNSON, THOMAS, US
[72] MILLER, BILL L., US
[73] PURINA ANIMAL NUTRITION LLC, US
[86] (2571156)
[87] (2571156)
[22] 2006-12-08
[30] US (11/331,245) 2006-01-12

[11] **2,572,582**
[13] C
[51] **Int.Cl. G06Q 30/04 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **ADJUSTING AD COSTS USING DOCUMENT PERFORMANCE OR DOCUMENT COLLECTION PERFORMANCE**
[54] **AJUSTEMENT DES COUTS PUBLICITAIRES AU MOYEN D'UNE EFFICACITE DE DOCUMENT ET D'UNE EFFICACITE DE RECUEIL DE DOCUMENTS**
[72] AXE, BRIAN, US
[72] BEEFERMAN, DOUG, US
[72] PATEL, AMIT, US
[72] STOLL, NATHAN, US
[72] VARIAN, HAL, US
[73] GOOGLE, INC., US
[85] 2006-12-28
[86] 2005-06-29 (PCT/US2005/023163)
[87] (WO2006/004861)
[30] US (10/880,972) 2004-06-30

[11] **2,573,137**
[13] C
[51] **Int.Cl. F16B 7/10 (2006.01) C21C 7/00 (2006.01) F03B 5/00 (2006.01) F04B 53/00 (2006.01)**
[25] EN
[54] **MOLTEN METAL PUMP**
[54] **POMPE A METAL EN FUSION**
[72] MORANDO, JORGE A., US
[72] TIPTON, JON, US
[72] MORDUE, GEORGE, US
[72] BRIGHT, MARK, US
[72] LUTES, LENNARD, US
[72] HENDERSON, RICHARD S., US
[72] VILD, CHRIS T., US
[73] PYROTEK INC., US
[85] 2007-01-08
[86] 2005-07-07 (PCT/US2005/024044)
[87] (WO2006/014517)
[30] US (60/586,134) 2004-07-07
[30] US (60/607,644) 2004-09-07
[30] US (60/675,828) 2005-04-28

---

[11] **2,574,488**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01) C12Q 1/68 (2006.01) G01N 33/50 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **POLYPEPTIDES AND ANTIBODIES DERIVED FROM CHRONIC LYMPHOCYTIC LEUKEMIA CELLS AND USES THEREOF**
[54] **POLYPEPTIDES ET ANTICORPS PROVENANT DE CELLULES LEUCEMIQUES LYMPHOCYTIQUES CHRONIQUES ET LEURS UTILISATIONS**
[72] BOWDISH, KATHERINE S., US
[72] KRETZ-ROMMEL, ANKE, US
[72] MCWHIRTER, JOHN, US
[72] MARUYAMA, TOSHIAKI, US
[73] ALEXION PHARMACEUTICALS, INC., US
[85] 2007-01-19
[86] 2005-07-19 (PCT/US2005/025488)
[87] (WO2006/020266)
[30] US (10/894,672) 2004-07-20
[30] US (10/996,316) 2004-11-23
[30] US (11/171,567) 2005-06-30

---

[11] **2,584,275**
[13] C
[51] **Int.Cl. C22C 38/58 (2006.01) B21H 1/18 (2006.01) B23P 15/00 (2006.01) C22C 38/02 (2006.01) D21F 3/10 (2006.01) F16C 13/00 (2006.01)**
[25] EN
[54] **A METHOD OF PRODUCING A STEEL PRODUCT**
[54] **UNE METHODE DE PRODUCTION D'UN PRODUIT D'ACIER**
[72] LILJAS, MATS, SE
[72] JOHANSSON, PELLE, SE
[72] BERGKVIST, CONNY, SE
[73] OUTOKUMPU OYJ, FI
[85] 2007-02-26
[86] 2005-08-19 (PCT/SE2005/001220)
[87] (WO2006/041344)
[30] SE (0402141-6) 2004-09-07

---

[11] **2,587,856**
[13] C
[51] **Int.Cl. A61B 5/0452 (2006.01)**
[25] EN
[54] **SIGNAL TEMPLATES IN IMPLANTABLE CARDIAC DEVICES**
[54] **MODELES DE SIGNAUX UTILISES DANS DES DISPOSITIFS CARDIAQUES IMPLANTABLES**
[72] PALREDDY, SUREKHA, US
[72] WARREN, JAY A., US
[72] OSTROFF, ALAN H., US
[73] CAMERON HEALTH, INC., US
[85] 2007-05-16
[86] 2005-10-19 (PCT/US2005/037761)
[87] (WO2006/057736)
[30] US (10/999,853) 2004-11-29

---

[11] **2,595,897**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CHROMOSOME PROFILING**
[54] **PROCEDE ET APPAREIL DE PROFILAGE DE CHROMOSOMES**
[72] RAMESH VALLABHANENI, US
[73] RAMESH VALLABHANENI, US
[85] 2007-07-25
[86] 2005-12-22 (PCT/US2005/046601)
[87] (WO2006/076142)
[30] US (11/034,085) 2005-01-12

---

[11] **2,596,133**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **EXTENDING TIME TO DISEASE PROGRESSION OR SURVIVAL IN CANCER PATIENTS**
[54] **RETARDEMENT DE LA PROGRESSION DE LA MALADIE OU SURVIE DES PATIENTS ATTEINTS DU CANCER**
[72] DERYNCK, MIKA K., US
[72] KELSEY, STEPHEN M., US
[73] GENENTECH, INC., US
[85] 2007-07-26
[86] 2006-02-21 (PCT/US2006/006334)
[87] (WO2006/091693)
[30] US (60/655,277) 2005-02-23

---

[11] **2,596,928**
[13] C
[51] **Int.Cl. G01L 27/00 (2006.01) G01D 3/08 (2006.01) G05B 9/03 (2006.01) G05D 1/00 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR DETECTING, ON THE GROUND, THE OBSTRUCTION OF A PRESSURE TAP OF A STATIC PRESSURE SENSOR OF AN AIRCRAFT**
[54] **PROCEDE ET DISPOSITIF POUR DETECTER AU SOL L'OBSTRUCTION D'UNE PRISE DE PRESSION D'UN CAPTEUR DE PRESSION STATIQUE D'UN AERONEF**
[72] FONTOVA, LAURENT, FR
[72] FREISSINET, SEBASTIEN, FR
[73] AIRBUS OPERATIONS SAS, FR
[85] 2007-08-03
[86] 2006-02-02 (PCT/FR2006/000228)
[87] (WO2006/087440)
[30] FR (0501453) 2005-02-14

[11] **2,602,317**
[13] C
[51] **Int.Cl. G06Q 40/00 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **NEGOTIABLE INSTRUMENT AUTHENTICATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'AUTHENTIFICATION D'INSTRUMENTS NEGOCIABLES**
[72] SGAMBATI, GLEN, US
[72] PERROTTA, ROBERT, US
[72] MAYO, RICH, US
[73] EARLY WARNING SERVICES, LLC, US
[85] 2007-09-18
[86] 2006-03-06 (PCT/US2006/007989)
[87] (WO2006/101711)
[30] US (11/083,545) 2005-03-18

---

[11] **2,604,330**
[13] C
[51] **Int.Cl. C12N 7/00 (2006.01) A61K 39/12 (2006.01) A61P 31/12 (2006.01) A61P 31/16 (2006.01) C12Q 1/70 (2006.01) C12N 5/0735 (2010.01)**
[25] EN
[54] **PROCESS OF MANUFACTURING VIRAL VACCINES IN SUSPENSION AVIAN EMBRYONIC DERIVED STEM CELL LINES**
[54] **PROCEDE DE FABRICATION DE VACCINS VIRAUX DANS DES LIGNEES DE CELLULES SOUCHES EMBRYONNAIRES AVIAIRES DERIVEES EN SUSPENSION**
[72] MEHTALI, MAJID, FR
[72] CHAMPION-ARNAUD, PATRICK, FR
[72] [illegible]N, ARNAUD, FR
[73] VALNEVA, FR
[85] 2007-10-11
[86] 2006-04-11 (PCT/EP2006/061531)
[87] (WO2006/108846)
[30] FR (0503583) 2005-04-11
[30] US (60/728,807) 2005-10-21

---

[11] **2,604,994**
[13] C
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/072 (2006.01) A61B 17/28 (2006.01) A61B 17/29 (2006.01)**
[25] EN
[54] **GRASPING JAW MECHANISM**
[54] **MECANISME DE MACHOIRE DE SAISIE**
[72] SCIRICA, PAUL A., US
[73] COVIDIEN LP, US
[86] (2604994)
[87] (2604994)
[22] 2007-10-01
[30] US (11/544,061) 2006-10-06

---

[11] **2,607,128**
[13] C
[51] **Int.Cl. A62C 8/06 (2006.01)**
[25] EN
[54] **DEVICE FOR CONTAINING AND/OR SUPPRESSING A FIRE**
[54] **DISPOSITIF DE CONFINEMENT OU SUPPRESSION D'UN INCENDIE**
[72] PELTZ, JEFFREY E., US
[73] FEDERAL EXPRESS CORPORATION, US
[85] 2007-10-30
[86] 2006-03-16 (PCT/US2006/009514)
[87] (WO2006/101974)
[30] US (60/663,212) 2005-03-21
[30] US (11/283,883) 2005-11-22

---

[11] **2,609,016**
[13] C
[51] **Int.Cl. G01R 1/00 (2006.01) G01N 27/26 (2006.01) G01N 27/416 (2006.01)**
[25] EN
[54] **RUGGEDIZED APPARATUS FOR ANALYSIS OF NUCLEIC ACID AND PROTEINS**
[54] **APPAREIL RENFORCE POUR L'ANALYSE D'ACIDE NUCLEIQUE ET DE PROTEINES**
[72] TAN, EUGENE, US
[72] LAM, HEUNG CHUAN, US
[72] KELLOGG, GREGORY JOHN, US
[73] NETBIO, INC., US
[85] 2007-11-19
[86] 2006-05-16 (PCT/US2006/018838)
[87] (WO2006/124842)
[30] US (11/132,712) 2005-05-19

---

[11] **2,610,243**
[13] C
[51] **Int.Cl. C12N 5/0797 (2010.01) C12N 5/0735 (2010.01) C12N 5/0784 (2010.01) A61K 39/00 (2006.01)**
[25] EN
[54] **METHOD OF FORMING DENDRITIC CELLS FROM EMBRYONIC STEM CELLS**
[54] **METHODE D'ELABORATION DE CELLULES DENDRITIQUES A PARTIR DE CELLULES SOUCHES EMBRYONNAIRES**
[72] SLUKVIN, IGOR I., US
[72] THOMSON, JAMES A., US
[72] VODYANYK, MAKSYM A., US
[72] GUMENYUK, MARYNA E., US
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2007-11-28
[86] 2006-05-31 (PCT/US2006/021054)
[87] (WO2006/130651)
[30] US (60/686,145) 2005-06-01

---

[11] **2,615,170**
[13] C
[51] **Int.Cl. A61C 3/025 (2006.01) A61C 17/02 (2006.01) A61M 39/14 (2006.01)**
[25] EN
[54] **MEDICAL HANDSET AND EXCHANGEABLE NOZZLE FOR THE SAME**
[54] **APPAREIL A COMBINE MEDICAL AVEC BEC AMOVIBLE**
[72] PICHAT, PATRICK, FR
[72] DONNET, MARCEL, FR
[73] FERTON HOLDING S.A., CH
[86] (2615170)
[87] (2615170)
[22] 2007-12-17
[30] DE (102006060076.2) 2006-12-19

[11] **2,617,714**
[13] C
[51] **Int.Cl. C12N 15/82 (2006.01) C07K 14/415 (2006.01) C11B 1/02 (2006.01) C12N 9/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING ARACHIDONIC ACID AND/OR EICOSAPENTAENOIC ACID IN USEFUL TRANSGENIC PLANTS**
[54] **PROCEDE DE PRODUCTION D'ACIDE ARACHIDONIQUE ET/OU D'ACIDE EICOSAPENTANOIQUE DANS DES PLANTES UTILES TRANSGENIQUES**
[72] CIRPUS, PETRA, DE
[72] BAUER, JOERG, DE
[72] QIU, XIAO, CA
[72] WU, GUOHAI, CA
[72] DATLA, NAGAMANI, CA
[72] TRUKSA, MARTIN, CA
[73] BASF PLANT SCIENCE GMBH, DE
[85] 2008-02-01
[86] 2006-08-01 (PCT/EP2006/064922)
[87] (WO2007/017419)
[30] DE (10 2005 038 036.0) 2005-08-09

---

[11] **2,628,375**
[13] C
[51] **Int.Cl. H04W 28/16 (2009.01) H04W 84/12 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTONOMOUS CHANNEL COORDINATION FOR A WIRELESS DISTRIBUTION SYSTEM**
[54] **PROCEDE ET SYSTEME DE COORDINATION DE VOIES AUTONOMES POUR UN SYSTEME DE DISTRIBUTION SANS FIL**
[72] RUDOLF, MARIAN, FR
[72] ZAKI, MAGED M., US
[72] MARINIER, PAUL, CA
[72] ROY, VINCENT, CA
[73] INTERDIGITAL TECHNOLOGY CORPORATION, US
[85] 2008-05-02
[86] 2006-10-30 (PCT/US2006/042597)
[87] (WO2007/055994)
[30] US (60/732,779) 2005-11-02

---

[11] **2,630,445**
[13] C
[51] **Int.Cl. C12N 9/38 (2006.01) A23C 9/12 (2006.01) C12N 1/21 (2006.01) C12N 15/56 (2006.01)**
[25] EN
[54] **ENZYME PREPARATIONS YIELDING A CLEAN TASTE**
[54] **PREPARATIONS D'ENZYMES AU GOUT AGREABLE**
[72] SWAAF, DE, MAXIMILIAAN PETER MARIE, NL
[72] DIJK, VAN, ALBERTUS ALARD, NL
[72] EDENS, LUPPO, NL
[72] DEKKER, PETRUS JACOBUS THEODORUS, NL
[73] DSM IP ASSETS B.V., NL
[85] 2008-05-20
[86] 2006-11-28 (PCT/EP2006/068979)
[87] (WO2007/060247)
[30] EP (05111392.6) 2005-11-28
[30] EP (06113062.1) 2006-04-25

---

[11] **2,631,570**
[13] C
[51] **Int.Cl. G05B 15/02 (2006.01)**
[25] EN
[54] **ARRANGEMENT AND METHOD FOR ACCESSING DATA OF A BUILDING AUTOMATION SYSTEM COMPONENT**
[54] **ARRANGEMENT ET METHODE D'ACCES A DES DONNEES D'UN ELEMENT DE SYSTEME D'AUTOMATISATION DE BATIMENT**
[72] REED, JAMES C., US
[72] JAWORSKI, STEVEN T., US
[73] SIEMENS INDUSTRY, INC., US
[86] (2631570)
[87] (2631570)
[22] 2008-05-16
[30] US (60/938,811) 2007-05-18
[30] US (12/152,445) 2008-05-14

---

[11] **2,638,183**
[13] C
[51] **Int.Cl. H04B 1/06 (2006.01) H01Q 1/00 (2006.01) H04B 1/02 (2006.01) H04B 7/00 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC WAVE-POTENTIAL COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION PAR POTENTIEL A ONDE ELECTROMAGNETIQUE**
[72] NIKOLOVA, NATALIA K., CA
[72] ZIMMERMAN, ROBERT K., JR., CA
[73] MCMASTER UNIVERSITY, CA
[86] (2638183)
[87] (2638183)
[22] 2008-08-01
[30] US (60/953,773) 2007-08-03
[30] US (60/957,192) 2007-08-22

---

[11] **2,640,399**
[13] C
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/00 (2006.01) A61B 17/072 (2006.01)**
[25] EN
[54] **POWERED SURGICAL STAPLING DEVICE**
[54] **AGRAFEUSE CHIRURGICALE MOTORISEE**
[72] ZEMLOK, MICHAEL A., US
[72] ROSS, ADAM J., US
[73] COVIDIEN LP, US
[86] (2640399)
[87] (2640399)
[22] 2008-10-03
[30] US (60/997,854) 2007-10-05
[30] US (12/189,834) 2008-08-12

---

[11] **2,642,341**
[13] C
[51] **Int.Cl. A61B 5/03 (2006.01) A61M 27/00 (2006.01) A61M 39/00 (2006.01) G01L 19/08 (2006.01) G08C 17/02 (2006.01) A61M 39/02 (2006.01) G01L 9/00 (2006.01) G01L 9/12 (2006.01) G05D 7/00 (2006.01)**
[25] EN
[54] **WIRELESS PRESSURE SENSING SHUNTS**
[54] **SHUNTS CAPTEURS DE PRESSION SANS FIL**
[72] KASSEM, SALIM, US
[73] CODMAN & SHURTLEFF, INC., US
[86] (2642341)
[87] (2642341)
[22] 2008-10-30
[30] US (11/931,151) 2007-10-31

[11] **2,643,007**
[13] C
[51] **Int.Cl. B67D 1/14 (2006.01)**
[25] EN
[54] **IMPROVED FAUCET WITH FLOATING SEAL MEMBER**
[54] **ROBINET AMELIORE A ORGANE D'ETANCHEITE FLOTTANT**
[72] AROV, GENNADY, US
[72] STROBEL, JOHN M., US
[73] PERLICK CORPORATION, US
[85] 2008-08-18
[86] 2007-02-21 (PCT/US2007/062504)
[87] (WO2007/120984)
[30] US (11/358,739) 2006-02-21

---

[11] **2,647,651**
[13] C
[51] **Int.Cl. G01N 27/62 (2006.01) C01C 1/02 (2006.01) G01N 27/64 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR GENERATING AN AMMONIA GAS**
[54] **APPAREILLAGE ET METHODE DE PRODUCTION D'AMMONIAC**
[72] REDA, RALPH J., US
[73] MORPHO DETECTION, INC., US
[86] (2647651)
[87] (2647651)
[22] 2008-12-23
[30] US (11/967,539) 2007-12-31

---

[11] **2,650,732**
[13] C
[51] **Int.Cl. E04H 15/44 (2006.01) E04B 1/343 (2006.01) E04H 1/12 (2006.01)**
[25] EN
[54] **MODULAR FOLDING DISPLAY BOOTH STRUCTURE**
[54] **STRUCTURE DE STAND DE PRESENTATION PLIABLE MODULAIRE**
[72] CARTER, MARK C., US
[73] CARTER, MARK C., US
[85] 2008-10-28
[86] 2007-04-24 (PCT/US2007/067338)
[87] (WO2007/127753)
[30] US (60/796,340) 2006-04-28
[30] US (11/738,969) 2007-04-23

---

[11] **2,651,073**
[13] C
[51] **Int.Cl. H05B 37/02 (2006.01) H03K 17/13 (2006.01)**
[25] EN
[54] **INTELLIGENT LIGHT FOR CONTROLLING LIGHTING LEVEL**
[54] **LUMINAIRE INTELLIGENT POUR LA COMMANDE DU NIVEAU D'ECLAIRAGE**
[72] JOSEPH, PETER D., US
[73] J. BAXTER BRINKMANN INTERNATIONAL CORPORATION, US
[86] (2651073)
[87] (2651073)
[22] 2009-01-23
[30] US (61/026,277) 2008-02-05
[30] US (12/334,672) 2008-12-15

---

[11] **2,653,784**
[13] C
[51] **Int.Cl. B62B 17/02 (2006.01) B62B 17/04 (2006.01) B62D 55/07 (2006.01)**
[25] EN
[54] **SNOWMOBILE SKI ASSEMBLY**
[54] **ENSEMBLE A SKI DE MOTONEIGE**
[72] WRIGHTMAN, ROBERT A., CA
[73] WRIGHTMAN, ROBERT A., CA
[86] (2653784)
[87] (2653784)
[22] 2007-10-22
[62] 2,604,041
[30] US (60/894,252) 2007-03-12

---

[11] **2,656,659**
[13] C
[51] **Int.Cl. G01V 3/11 (2006.01) H03G 1/00 (2006.01)**
[25] EN
[54] **TRANSMITTER OF A SYSTEM FOR DETECTING A BURIED CONDUCTOR**
[54] **EMETTEUR DE SYSTEME DE DETECTION DE CONDUCTEUR ENFOUI**
[72] ROYLE, JOHN MARK, GB
[72] PEARSON, RICHARD DAVID, GB
[73] RADIODETECTION LIMITED, GB
[86] (2656659)
[87] (2656659)
[22] 2009-02-27
[30] GB (0803871.3) 2008-02-29

---

[11] **2,658,063**
[13] C
[51] **Int.Cl. G01N 29/44 (2006.01) A61B 8/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ULTRASOUND SYNTHETIC IMAGING**
[54] **METHODE ET APPAREILLAGE D'IMAGERIE SYNTHETIQUE ULTRASONORE**
[72] BERCOFF, JEREMY, FR
[72] COHEN BACRIE, CLAUDE, FR
[72] TANTER, MICKAEL, FR
[72] FINK, MATHIAS, FR
[72] MONTALDO, GABRIEL, FR
[73] SUPER SONIC IMAGINE, FR
[86] (2658063)
[87] (2658063)
[22] 2009-03-11
[30] US (12/047,645) 2008-03-13

---

[11] **2,658,065**
[13] C
[51] **Int.Cl. A61M 16/00 (2006.01) A62B 18/04 (2006.01)**
[25] EN
[54] **HELMET FOR ARTIFICIAL RESPIRATION WITHOUT THE AID OF FACE MASKS OR TRACHEAL TUBES, WITH IMPROVED WEARABILITY**
[54] **CASQUE DE RESPIRATION ARTIFICIELLE SANS MASQUE FACIAL NI SONDE ENDOTRACHEALE, AVEC PORTABILITE AMELIOREE**
[72] BORSARI, MAURIZIO, IT
[73] DIMAR S.R.L., IT
[86] (2658065)
[87] (2658065)
[22] 2009-03-11
[30] IT (MI2008A 000427) 2008-03-13

[11] **2,662,540**
[13] C
[51] **Int.Cl. F16N 21/00 (2006.01) F01M 11/02 (2006.01) F02B 67/00 (2006.01) F16N 7/40 (2006.01)**
[25] EN
[54] **APPARATUS, METHOD AND SYSTEM FOR REDUCING ADHESIVE WEAR ON A POWER TAKE-OFF SHAFT**
[54] **APPAREILLAGE, METHODE ET SYSTEME PERMETTANT DE REDUCTION DE L'USURE PAR ADHERENCE D'UN ARBRE POUR PRISE DE FORCE**
[72] WILLIAMSON, WARREN D., US
[73] LOCKHEED MARTIN CORPORATION, US
[86] (2662540)
[87] (2662540)
[22] 2009-04-15
[30] US (12/128,243) 2008-05-28

---

[11] **2,665,190**
[13] C
[51] **Int.Cl. B01D 53/48 (2006.01) B01D 53/52 (2006.01) B01J 20/02 (2006.01) C10G 25/00 (2006.01)**
[25] EN
[54] **METHOD OF FORMING AN AGENT AND ITS USE IN DESULPHURISATION**
[54] **PROCEDE DE FORMATION D'UN AGENT ET SON UTILISATION DANS LA DESULFURATION**
[72] SAMBROOK, RODNEY MARTIN, GB
[73] M-I DRILLING FLUIDS UK LIMITED, GB
[85] 2009-04-01
[86] 2007-10-02 (PCT/GB2007/003744)
[87] (WO2008/040966)
[30] GB (0619396.5) 2006-10-02

---

[11] **2,668,536**
[13] C
[51] **Int.Cl. F01P 5/06 (2006.01) F01P 5/04 (2006.01) F02B 63/04 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **ENGINE-DRIVEN POWER GENERATOR APPARATUS**
[54] **ELEMENT DE GENERATRICE ENTRAINEE PAR MOTEUR**
[72] HIROSE, TADAFUMI, JP
[72] YUKI, HITOSHI, JP
[72] AOKI, TAKAYUKI, JP
[72] SHIBATA, RYOSUKE, JP
[72] IIKURA, HIROKI, JP
[72] UCHIMI, MAKOTO, JP
[72] KAI, MASASHI, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2668536)
[87] (2668536)
[22] 2009-06-09
[30] JP (2008-168760) 2008-06-27
[30] JP (2008-169070) 2008-06-27
[30] JP (2008-169114) 2008-06-27

---

[11] **2,669,688**
[13] C
[51] **Int.Cl. H05K 9/00 (2006.01) H01Q 1/12 (2006.01)**
[25] EN
[54] **A PORTAL STRUCTURE PROVIDING ELECTROMAGNETIC INTERFERENCE SHIELDING FEATURES**
[54] **STRUCTURE DE PORTAIL FOURNISSANT DES CARACTERISTIQUES DE PROTECTION D'INTERFERENCE ELECTROMAGNETIQUE**
[72] WELSH, ROBERT L., US
[72] DAVIS, STACY E., US
[72] HEBERT, TIMOTHY R., US
[73] RAYTHEON COMPANY, US
[86] (2669688)
[87] (2669688)
[22] 2009-06-19
[30] US (61/074,883) 2008-06-23
[30] US (12/481,882) 2009-06-10

---

[11] **2,670,191**
[13] C
[51] **Int.Cl. F16J 15/12 (2006.01) F02F 11/00 (2006.01) F16J 15/06 (2006.01)**
[25] EN
[54] **CYLINDER HEAD GASKET**
[54] **JOINT DE CULASSE**
[72] SCHUMACHER, THOMAS, DE
[72] BENDL, KLAUS, DE
[73] ELRINGKLINGER AG, DE
[86] (2670191)
[87] (2670191)
[22] 2009-06-25
[30] DE (10 2008 030 787.4) 2008-06-28

---

[11] **2,670,445**
[13] C
[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **BINDING MEMBERS FOR INTERLEUKIN-6**
[54] **ELEMENTS LIANTS DESTINES A L'INTERLEUKINE-6**
[72] MALLINDER, PHILIP, GB
[72] LANE, STEVEN GODFREY, GB
[72] CRUWYS, SIMON CHARLES, GB
[73] ASTRAZENECA AB, SE
[73] MEDIMMUNE LIMITED, GB
[85] 2009-05-22
[86] 2007-11-28 (PCT/GB2007/004527)
[87] (WO2008/065378)
[30] US (60/861,704) 2006-11-30

---

[11] **2,670,829**
[13] C
[51] **Int.Cl. G07C 9/00 (2006.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ACCESS CONTROL USING A NETWORKED TURNSTILE**
[54] **PROCEDES ET SYSTEMES POUR UNE COMMANDE D'ACCES UTILISANT UN TOURNIQUET EN RESEAU**
[72] DENKER, DENNIS, US
[72] HIROSE, SHIGEKI, US
[72] WALL, JONATHAN SCOTT, US
[73] TICKETMASTER L.L.C., US
[85] 2009-05-25
[86] 2007-12-06 (PCT/US2007/086651)
[87] (WO2008/070781)
[30] US (60/873,324) 2006-12-07

[11] **2,672,360**
[13] C
[51] **Int.Cl. E21B 33/068 (2006.01) E21B 33/03 (2006.01)**
[25] EN
[54] **RCD HYDRAULIC STRIPPING ADAPTER**
[54] **ADAPTATEUR DE CONTACTEUR A DISQUE ROTATIF POUR ASSECHEMENT HYDRAULIQUE**
[72] SHELTON, JAYE, US
[73] SMITH INTERNATIONAL, INC., US
[86] (2672360)
[87] (2672360)
[22] 2009-07-16
[30] US (12/177,019) 2008-07-21

---

[11] **2,673,187**
[13] C
[51] **Int.Cl. A61B 17/03 (2006.01) A61B 17/064 (2006.01) A61B 17/072 (2006.01) A61B 17/115 (2006.01)**
[25] EN
[54] **VARIABLE COMPRESSION SURGICAL FASTENER CARTRIDGE**
[54] **CARTOUCHE D'ATTACHES CHIRURGICALES A COMPRESSION VARIABLE**
[72] VIOLA, FRANK J., US
[72] MILLIMAN, KEITH L., US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2673187)
[87] (2673187)
[22] 2009-04-09
[30] US (61/044,656) 2008-04-14
[30] US (61/044,696) 2008-04-14
[30] US (12/417,685) 2009-04-03

---

[11] **2,673,558**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 39/02 (2006.01) A61K 39/09 (2006.01)**
[25] EN
[54] **MULTIVALENT PNEUMOCOCCAL POLYSACCHARIDE-PROTEIN CONJUGATE COMPOSITION**
[54] **COMPOSITION CONJUGUEE PROTEINE-POLYSACCHARIDE PNEUMOCOCCIQUE PLURIVALENT**
[72] HAUSDORFF, WILLIAM P., BE
[72] SIBER, GEORGE RAINER, US
[72] PARADISO, PETER R., US
[72] PRASAD, A. KRISHNA, US
[73] WYETH, US
[85] 2009-06-19
[86] 2007-12-10 (PCT/US2007/086976)
[87] (WO2008/079653)
[30] US (11/644,207) 2006-12-22

---

[11] **2,674,384**
[13] C
[51] **Int.Cl. C07K 14/78 (2006.01) A61K 9/00 (2006.01) A61K 38/16 (2006.01) A61K 38/39 (2006.01) A61P 19/00 (2006.01) A61P 19/02 (2006.01) C07K 7/08 (2006.01) C07K 14/47 (2006.01) A61L 31/06 (2006.01)**
[25] EN
[54] **A PEPTIDE COMPOSITION AND A METHOD OF PROMOTING CARTILAGE FORMATION**
[54] **COMPOSITION PEPTIDIQUE ET PROCEDE PERMETTANT DE FAVORISER LA FORMATION DE CARTILAGE**
[72] MIDDLETON-HARDIE, CATHERINE, US
[72] LAZAROV, MIRELLA, US
[72] ROSEN, DAVID, US
[73] ORTHOTROPHIX, INC., US
[85] 2009-06-30
[86] 2008-01-22 (PCT/US2008/000868)
[87] (WO2008/091632)
[30] US (60/885,961) 2007-01-22
[30] US (60/940,057) 2007-05-24
[30] US (60/969,052) 2007-08-30

---

[11] **2,677,146**
[13] C
[51] **Int.Cl. C07D 209/14 (2006.01) A61K 31/345 (2006.01) A61P 31/04 (2006.01) C07D 209/30 (2006.01) C07D 209/32 (2006.01)**
[25] FR
[54] **NOVEL INDOLE DERIVATIVES, METHODS FOR PREPARING SAME, AND USE THEREOF PARTICULARLY AS ANTIBACTERIAL AGENTS**
[54] **NOUVEAUX DERIVES INDOLIQUES, LEURS PROCEDES DE PREPARATION ET LEURS UTILISATIONS NOTAMMENT EN TANT QU'ANTIBACTERIENS**
[72] DENIS, JEAN-NOEL MARIE LEON, FR
[72] GUINCHARD, XAVIER JEAN GEORGES MARIE, FR
[72] MOREAU NEE LAFFONT, NICOLE JEANNE, FR
[72] NEUVILLE, LUC, FR
[72] VALLEE, YANNICK, FR
[73] UNIVERSITE JOSEPH FOURIER, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2009-07-31
[86] 2008-01-31 (PCT/FR2008/000118)
[87] (WO2008/110690)
[30] FR (0700717) 2007-02-01

---

[11] **2,677,562**
[13] C
[51] **Int.Cl. F41A 1/10 (2006.01) F41F 3/045 (2006.01)**
[25] EN
[54] **COUNTERMASS WEAPON**
[54] **ARME A CONTREPOIDS**
[72] JONSSON, RICHARD, SE
[73] SAAB AB, SE
[86] (2677562)
[87] (2677562)
[22] 2009-09-03
[30] EP (08445027.9) 2008-09-04

[11] **2,678,276**
[13] C
[51] **Int.Cl. C22B 3/44 (2006.01) C22B 3/04 (2006.01) C22B 21/00 (2006.01) C22B 23/00 (2006.01)**
[25] EN
[54] **RECOVERING METAL VALUES FROM A METALLIFERROUS MATERIAL**
[54] **METHODE DE RECUPERATION DE METAUX A PARTIR D'UNE SUBSTANCE METALLIFERE**
[72] COLLINS, MICHAEL JOSEPH, CA
[72] HOLLOWAY, PRESTON CARL, CA
[72] YUZDA, EUGENE WILLIAM, CA
[73] SHERRITT INTERNATIONAL CORPORATION, CA
[86] (2678276)
[87] (2678276)
[22] 2009-09-09

[11] **2,678,569**
[13] C
[51] **Int.Cl. F16K 15/18 (2006.01) F02B 43/00 (2006.01) F02D 29/06 (2006.01) F02M 21/02 (2006.01) F02M 35/104 (2006.01)**
[25] EN
[54] **CHECK VALVE FOR FUGITIVE GAS FUEL SOURCE**
[54] **CLAPET DE NON-RETOUR POUR UNE SOURCE DE COMBUSTIBLE GAZEUX FUGITIF**
[72] MALM, HOWARD L., CA
[73] REM TECHNOLOGY INC., CA
[85] 2009-08-17
[86] 2007-08-30 (PCT/CA2007/001529)
[87] (WO2008/025158)
[30] US (60/824,028) 2006-08-30

[11] **2,678,703**
[13] C
[51] **Int.Cl. A44B 11/25 (2006.01)**
[25] EN
[54] **BELT BUCKLE AND METHOD FOR PRODUCING A BELT BUCKLE**
[54] **BOUCLE DE CEINTURE ET SA METHODE DE FABRICATION**
[72] HOERTNAGL, ANDREAS, AT
[73] ABA HOERTNAGL GMBH, AT
[86] (2678703)
[87] (2678703)
[22] 2009-09-15
[30] AT (A 1466/2008) 2008-09-19

[11] **2,679,712**
[13] C
[51] **Int.Cl. A61L 31/14 (2006.01) A61F 2/86 (2013.01) A61L 31/02 (2006.01) A61L 31/04 (2006.01) A61L 31/16 (2006.01) A61M 31/00 (2006.01)**
[25] EN
[54] **STENTS HAVING BIODEGRADABLE LAYERS**
[54] **STENTS COMPORTANT DES COUCHES BIODEGRADABLES**
[72] MCCLAIN, JAMES B., US
[72] TAYLOR, DOUGLAS, US
[72] RABINER, ROBERT, US
[73] MICELL TECHNOLOGIES, INC., US
[85] 2009-08-25
[86] 2008-01-08 (PCT/US2008/050536)
[87] (WO2008/086369)
[30] US (60/884,005) 2007-01-08
[30] US (60/912,408) 2007-04-17

[11] **2,679,716**
[13] C
[51] **Int.Cl. G01D 21/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SIMULATION CACHE TO EXPEDITE COMPLEX MODELING AND SIMULATION PROCESSES**
[54] **MEMOIRE CACHE DE SIMULATION DESTINEE A ACCELERER DES OPERATIONS COMPLEXES DE MODELISATION ET DE SIMULATION**
[72] HENNING, MARK DANIEL, US
[72] SMITH, MICHAEL J., US
[72] SEDEHI, JAVAD, US
[72] CROCOLL, WILLIAM, US
[73] EXELIS INC., US
[85] 2009-08-25
[86] 2008-01-31 (PCT/US2008/052623)
[87] (WO2008/124203)
[30] US (11/686,170) 2007-03-14

[11] **2,680,376**
[13] C
[51] **Int.Cl. C12N 15/29 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 15/11 (2006.01) C12N 15/82 (2006.01) C12N 15/53 (2006.01) C12P 7/64 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **FLAX (LINUM USITATISSIMUM L.) SEED-SPECIFIC PROMOTERS**
[54] **PROMOTEURS SPECIFIQUES DE LA GRAINE DE LIN (LINUM USITATISSIMUM L.)**
[72] QIU, XIAO, CA
[72] TRUKSA, MARTIN, CA
[72] HU, ZHIYUAN, CA
[73] BIORIGINAL FOOD & SCIENCE CORPORATION, CA
[86] (2680376)
[87] (2680376)
[22] 2002-06-06
[62] 2,448,501
[30] US (60/295,823) 2001-06-06

[11] **2,684,676**
[13] C
[51] **Int.Cl. B65D 71/08 (2006.01) B32B 27/08 (2006.01) B65B 53/02 (2006.01) B65D 65/38 (2006.01) B65D 75/00 (2006.01) B65D 75/58 (2006.01)**
[25] EN
[54] **EASY OPENING PACKAGING ARTICLE MADE FROM HEAT-SHRINKABLE FILM EXHIBITING DIRECTIONAL TEAR**
[54] **ARTICLE D'EMBALLAGE A OUVERTURE FACILE FABRIQUE A PARTIR DE PELLICULE THERMORETRACTABLE A DECHIREMENT DIRECTIONNEL**
[72] DAYRIT, RICHARD M., US
[72] ODABASHIAN, ROBERT A., US
[72] RIVETT, JANET W., US
[72] KENNEDY, THOMAS D., US
[72] HUERTA, DIANA, US
[72] BONNER, TOM, US
[72] HODGSON, RODNEY, US
[72] MOSSBROOK, MENDY W., US
[72] STOCKLEY, III, H. WALKER, US
[72] WATSON, RICHARD K., US
[73] CRYOVAC, INC., US
[85] 2009-11-09
[86] 2008-05-20 (PCT/US2008/006444)
[87] (WO2008/144059)
[30] US (60/931,270) 2007-05-21
[30] US (11/895,960) 2007-08-28

[11] **2,686,095**
[13] C
[51] **Int.Cl. B29C 55/02 (2006.01)**
[25] EN
[54] **STRETCH FILM AND METHOD OF FABRICATION THEREFOR**
[54] **FILM ETIRABLE ET METHODE DE FABRICATION CONNEXE**
[72] GALEA, ANTHONY, CA
[73] MALPACK STRETCH FILM, CA
[86] (2686095)
[87] (2686095)
[22] 2009-11-20

---

[11] **2,686,155**
[13] C
[51] **Int.Cl. A61K 31/55 (2006.01) A61K 31/365 (2006.01) A61P 25/00 (2006.01) G01N 33/566 (2006.01)**
[25] EN
[54] **PHARMACOLOGICAL TREATMENT OF COGNITIVE IMPAIRMENT**
[54] **TRAITEMENT PHARMACOLOGIQUE DE LA DEFICIENCE COGNITIVE**
[72] GARNER, CRAIG C., US
[72] FERNANDEZ, FABIAN J., US
[73] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2009-11-03
[86] 2007-05-22 (PCT/US2007/012274)
[87] (WO2007/139818)
[30] US (60/802,760) 2006-05-22

---

[11] **2,687,687**
[13] C
[51] **Int.Cl. G01C 19/72 (2006.01) G01D 5/353 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR USING SLOW LIGHT IN OPTICAL SENSORS**
[54] **SYSTEME ET PROCEDE POUR UTILISER UNE LUMIERE LENTE DANS DES CAPTEURS OPTIQUES**
[72] TERREL, MATTHEW A., US
[72] DIGONNET, MICHEL J.F., US
[72] FAN, SHANHUI, US
[73] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2009-11-17
[86] 2008-06-13 (PCT/US2008/066986)
[87] (WO2008/157405)
[30] US (60/944,396) 2007-06-15

---

[11] **2,688,361**
[13] C
[51] **Int.Cl. B05B 11/02 (2006.01) B05B 9/04 (2006.01) B05C 5/00 (2006.01) F16N 3/12 (2006.01)**
[25] EN
[54] **EASY SHIFT DUAL-MODE PISTOL-GRIP GREASE GUN**
[54] **PISTOLET GRAISSEUR A POIGNEE PISTOLET DOUBLE MODE ET CHANGEMENT DE MODE FACILE**
[72] SHEW, JERRY D., US
[72] SHINN, DON K., JR., US
[72] JOSEPH, CHRISTOPHER W., US
[73] ALEMITE, LLC, US
[86] (2688361)
[87] (2688361)
[22] 2009-12-09
[30] US (12/334,233) 2008-12-12

---

[11] **2,689,711**
[13] C
[51] **Int.Cl. G01N 29/00 (2006.01) G01N 29/02 (2006.01)**
[25] EN
[54] **ULTRASONIC APPARATUS AND METHOD FOR MEASURING THE CONCENTRATION OF GAS**
[54] **PROCEDE ULTRASONIQUE DE MESURE DE LA CONCENTRATION D'UN GAZ ET DISPOSITIF EN FAISANT USAGE**
[72] MATSUZAKI, TAIGA, JP
[73] TEIJIN PHARMA LIMITED, JP
[85] 2009-11-30
[86] 2008-05-28 (PCT/JP2008/060238)
[87] (WO2008/149868)
[30] JP (2007-144737) 2007-05-31

---

[11] **2,690,949**
[13] C
[51] **Int.Cl. G01N 37/00 (2006.01) E21B 49/08 (2006.01) G01N 5/00 (2006.01) G01N 21/49 (2006.01) G01N 21/55 (2014.01) G01N 21/64 (2006.01) G01N 29/028 (2006.01)**
[25] EN
[54] **PHASE SEPARATION DETECTION IN DOWNHOLE FLUID SAMPLING**
[54] **DETECTION DE SEPARATION DE PHASE DANS UN ECHANTILLONAGE DE FLUIDES EN FONDS DE PUITS**
[72] WU, XU, JP
[72] YAMATE, TSUTOMU, JP
[72] TERABAYASHI, TORU, JP
[72] VASQUES, RICARDO, JP
[72] DONG, CHENGLI, JP
[72] HEGEMAN, PETER S., JP
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2690949)
[87] (2690949)
[22] 2010-01-25
[30] US (12/363,835) 2009-02-02

---

[11] **2,692,261**
[13] C
[51] **Int.Cl. F16L 1/16 (2006.01)**
[25] EN
[54] **METHOD OF WEIGHTING PLASTIC PIPES**
[54] **METHODE DE PESEE DES TUYAUX DE PLASTIQUE**
[72] HOLM, ALF, FI
[72] VESTMAN, CHRISTIAN, FI
[73] UPONOR INFRA OY, FI
[85] 2009-12-22
[86] 2008-07-21 (PCT/FI2008/050440)
[87] (WO2009/013393)
[30] FI (20075556) 2007-07-20

[11] **2,692,468**
[13] C
[51] **Int.Cl. E03D 5/10 (2006.01) E03C 1/05 (2006.01) F16K 21/04 (2006.01) F16K 31/02 (2006.01)**
[25] EN
[54] **AUTOMATIC BATHROOM FLUSHERS**
[54] **DISPOSITIFS DE CHASSE D'EAU AUTOMATIQUES**
[72] GULER, FATIH, US
[72] HERBERT, KAY, US
[72] CHEN, QIAOHONG, US
[72] MO, XIAOXIONG, US
[72] JIN, WEI, US
[72] ALLEN, JAMES CONNAUGHTON, US
[72] WILSON, JOHN R., US
[72] MARCICHOW, MARTIN E., US
[72] PARSONS, NATAN E., US
[72] DAHER, JEAN F., US
[73] SLOAN VALVE COMPANY, US
[85] 2010-01-04
[86] 2008-07-03 (PCT/US2008/008242)
[87] (WO2009/005817)
[30] US (60/958,358) 2007-07-03
[30] US (60/999,591) 2007-10-19

---

[11] **2,694,650**
[13] C
[51] **Int.Cl. A61B 17/04 (2006.01)**
[25] EN
[54] **SURGICAL SUTURING DEVICE, METHOD AND TOOLS USED THEREWITH**
[54] **DISPOSITIF CHIRURGICAL DE SUTURE, PROCEDE ET OUTILS UTILISES AVEC CE DISPOSITIF**
[72] LEVINE, MARSHALL S., US
[73] ALPHA SCIENTIFIC CORPORATION, US
[85] 2010-01-26
[86] 2008-07-25 (PCT/US2008/009012)
[87] (WO2009/045248)
[30] US (60/962,031) 2007-07-26

---

[11] **2,695,944**
[13] C
[51] **Int.Cl. H01L 35/00 (2006.01) H01J 45/00 (2006.01)**
[25] EN
[54] **METHOD OF AND APPARATUS FOR THERMAL ENERGY-TO-ELECTRICAL ENERGY CONVERSION**
[54] **PROCEDE ET APPAREIL DE CONVERSION D'ENERGIE THERMIQUE EN ENERGIE ELECTRIQUE**
[72] HAGELSTEIN, PETER, US
[72] WU, DENNIS, US
[73] MTPV POWER CORPORATION, US
[85] 2010-02-05
[86] 2007-08-06 (PCT/IB2007/002258)
[87] (WO2008/017924)
[30] US (11/500,062) 2006-08-07

---

[11] **2,696,060**
[13] C
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **DISTILLATION-BASED SMOKING ARTICLE**
[54] **ARTICLE A FUMER A BASE DE DISTILLATION**
[72] MAEDER, SERGE, CH
[72] PIADE, JEAN-JACQUES, CH
[72] POGET, LAURENT EDOUARD, CH
[72] ZUBER, JACQUES ARMAND, CH
[73] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2010-02-10
[86] 2008-08-08 (PCT/IB2008/002868)
[87] (WO2009/022232)
[30] EP (07253142.9) 2007-08-10

---

[11] **2,696,782**
[13] C
[51] **Int.Cl. G01D 5/353 (2006.01) G01K 11/32 (2006.01) G01L 1/24 (2006.01)**
[25] EN
[54] **HIGH SPATIAL RESOLUTION DISTRIBUTED TEMPERATURE SENSING SYSTEM**
[54] **SYSTEME DE CAPTEURS DE TEMPERATURE REPARTIS A RESOLUTION SPATIALE ELEVEE**
[72] RAMBOW, FREDERICK HENRY KREISLER, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2010-02-17
[86] 2008-09-04 (PCT/US2008/075187)
[87] (WO2009/032881)
[30] US (60/970,399) 2007-09-06

---

[11] **2,698,451**
[13] C
[51] **Int.Cl. A01H 4/00 (2006.01)**
[25] EN
[54] **METHOD OF SEPARATING EMBRYO SUSPENSION MASS**
[54] **PROCEDE DE SEPARATION DE MASSE DE SUSPENSION EMBRYONNAIRE**
[72] PALTIEL-ZUCATI, JUDITH N., US
[72] STARR, ROBERT A., US
[73] WEYERHAEUSER NR COMPANY, US
[85] 2010-03-03
[86] 2008-09-22 (PCT/US2008/077175)
[87] (WO2009/042536)
[30] US (60/975,250) 2007-09-26

---

[11] **2,699,118**
[13] C
[51] **Int.Cl. H01J 49/02 (2006.01) H01J 49/14 (2006.01) H01J 49/26 (2006.01)**
[25] EN
[54] **HIGH PRESSURE COLLISION CELL FOR MASS SPECTROMETER**
[54] **CELLULE DE COLLISION A HAUTE PRESSION POUR UN SPECTROMETRE DE MASSE**
[72] JAVAHERY, GHOLAMREZA, CA
[72] COUSINS, LISA, CA
[72] JOLLIFFE, CHARLES L., CA
[73] PERKINELMER HEALTH SCIENCES CANADA, INC., CA
[85] 2010-03-10
[86] 2008-09-08 (PCT/CA2008/001571)
[87] (WO2009/033262)
[30] US (60/935,997) 2007-09-10

[11] **2,699,527**
[13] C
[51] **Int.Cl. C04B 16/08 (2006.01) C04B 40/00 (2006.01)**
[25] EN
[54] **METHODS OF PLACING CONCRETE**
[54] **PROCEDES DE PLACEMENT DE BETON**
[72] WOOLFSMITH, DANIEL, US
[72] WILLIAMS, MICHAEL T., US
[72] HUGHES, RICK, US
[72] KELLEY, MICHAEL R., US
[72] MADISH, JOHN K., US
[72] VAN BUSKIRK, KRISTEN, US
[72] LADELY, TRICIA GUEVARA, US
[73] SYNTHEON INC., US
[85] 2010-03-11
[86] 2008-09-18 (PCT/US2008/076772)
[87] (WO2009/039232)
[30] US (60/973,848) 2007-09-20
[30] US (12/212,046) 2008-09-17

---

[11] **2,700,469**
[13] C
[51] **Int.Cl. G01N 27/22 (2006.01) C02F 1/40 (2006.01) E03F 5/16 (2006.01) G01D 5/24 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **CAPACITIVE PROBES AND SENSORS, AND APPLICATIONS THEREFOR, AND MULTIMODE WIRELESS DEVICES**
[54] **SONDES ET CAPTEURS CAPACITIFS, LEURS APPLICATIONS ET DISPOSITIFS SANS FIL MULTIMODAUX**
[72] BUDUREA, DANIEL, CA
[72] CUNNINGHAM, J. VERN, CA
[72] PAUL, MIRCEA DAN, CA
[73] CUBE INVESTMENTS LIMITED, CA
[85] 2010-03-23
[86] 2008-10-10 (PCT/CA2008/001818)
[87] (WO2009/046545)
[30] US (60/960,726) 2007-10-11

---

[11] **2,700,730**
[13] C
[51] **Int.Cl. B27K 3/08 (2006.01) B27K 5/04 (2006.01) F26B 3/347 (2006.01) F26B 5/04 (2006.01) F26B 9/04 (2006.01)**
[25] EN
[54] **PROCESS FOR TREATING WOOD BY ELECTROMAGNETIC RADIATION THROUGH ONE OR MORE ELECTRODES**
[54] **PROCEDE DE TRAITEMENT DU BOIS PAR RAYONNEMENT ELECTROMAGNETIQUE AU MOYEN D'UNE OU DE PLUSIEURS ELECTRODES**
[72] HOLM, CLAUS LUDVIG ENGELBRECHT, DK
[72] BIRCH-RASMUSSEN, SOEREN, DK
[73] GAIA WOOD PATENT A/S, DK
[85] 2010-03-25
[86] 2008-09-29 (PCT/IB2008/002542)
[87] (WO2009/040656)
[30] DK (PA200701398) 2007-09-28
[30] DK (PA200701399) 2007-09-28

---

[11] **2,700,862**
[13] C
[51] **Int.Cl. B81C 1/00 (2006.01)**
[25] EN
[54] **CARBON NANOTUBE SYNTHESIS FOR NANOPORE DEVICES**
[54] **SYNTHESE DE NANOTUBES DE CARBONE POUR DISPOSITIFS A NANOPORES**
[72] BRANTON, DANIEL, US
[72] GOLOVCHENKO, JENE A., US
[72] GARAJ, SLAVEN, US
[72] VLASSAREV, DIMITAR M., US
[72] SADKI, EL-HADI S., AE
[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2010-03-25
[86] 2008-10-02 (PCT/US2008/011413)
[87] (WO2009/045473)
[30] US (60/997,297) 2007-10-02

---

[11] **2,701,754**
[13] C
[51] **Int.Cl. H02S 40/44 (2014.01)**
[25] EN
[54] **POWER PANEL**
[54] **TABLEAU DE DISTRIBUTION DE PUISSANCE**
[72] SCHULTZ, GARTH J., US
[72] LESLIE, SCOTT, CA
[72] BUTTERY, KEN, US
[73] POWER PANEL, INC., US
[85] 2010-04-06
[86] 2008-10-03 (PCT/US2008/078822)
[87] (WO2009/046352)
[30] US (60/977,407) 2007-10-04

---

[11] **2,702,213**
[13] C
[51] **Int.Cl. A61C 7/08 (2006.01) A61C 7/00 (2006.01) A61C 13/00 (2006.01)**
[25] EN
[54] **PROSTHODONITC AND ORTHODONTIC APPARATUS AND METHODS**
[54] **APPAREIL DE PROSTHODONTIE ET D'ORTHODONTIE ET PROCEDES**
[72] KUO, ERIC, US
[72] CHENG, JIHUA, US
[72] MATOV, VADIM, US
[72] ALVAREZ, CARLOS, US
[72] KAKAVAND, ALI, US
[73] ALIGN TECHNOLOGY, INC., US
[85] 2010-04-09
[86] 2007-10-12 (PCT/US2007/081262)
[87] (WO2009/048475)

[11] **2,702,822**
[13] C
[51] **Int.Cl. A23L 33/105 (2016.01) A23C 9/13 (2006.01) A23C 9/152 (2006.01) A23L 2/02 (2006.01) A61K 36/53 (2006.01) A23L 27/10 (2016.01)**
[25] EN
[54] **FOOD COMPOSITIONS COMPRISING LEMON BALM EXTRACTS**
[54] **COMPOSITIONS ALIMENTAIRES COMPRENANT DES EXTRAITS DE MELISSE**
[72] BUCHWALD-WERNER, SYBILLE, DE
[72] SCHOLZ, CLAUDIA, DE
[72] ZINK, RALF, DE
[72] SASS, MATTHIAS, DE
[73] RUDOLF WILD GMBH & CO. KG, DE
[85] 2010-04-16
[86] 2008-10-08 (PCT/EP2008/008472)
[87] (WO2009/056208)
[30] EP (EP07020260) 2007-10-17

---

[11] **2,702,944**
[13] C
[51] **Int.Cl. A61N 1/00 (2006.01) A61B 5/0476 (2006.01) A61F 7/00 (2006.01) A61L 31/10 (2006.01) A61L 31/16 (2006.01) A61M 39/02 (2006.01) A61N 1/20 (2006.01) A61N 1/30 (2006.01) A61N 5/06 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS AND DEVICES FOR A SKULL/BRAIN INTERFACE**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS POUR UNE INTERFACE CRANE/CERVEAU**
[72] PLESS, BENJAMIN, US
[72] CHAO, DANIEL, US
[72] WINGEIER, BRETT, US
[72] TCHENG, THOMAS, US
[73] NEUROPACE, INC., US
[85] 2010-04-16
[86] 2008-10-29 (PCT/US2008/081655)
[87] (WO2009/067323)
[30] US (12/234,297) 2008-09-19
[30] US (12/243,733) 2008-10-01
[30] US (11/929,801) 2007-10-30

---

[11] **2,703,158**
[13] C
[51] **Int.Cl. A61K 31/734 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **COMPOSITION FOR TREATMENT OF JOINT DISEASE**
[54] **COMPOSITION POUR LE TRAITEMENT D'UNE AFFECTION ARTICULAIRE**
[72] IWASAKI, NORIMASA, JP
[72] MINAMI, AKIO, JP
[72] KASAHARA, YASUHIKO, JP
[72] IGARASHI, TATSUYA, JP
[72] KAWAMURA, DAISUKE, JP
[72] OHZAWA, NOBUO, JP
[72] IMAI, MARIKO, JP
[73] MOCHIDA PHARMACEUTICAL CO. LTD., JP
[73] NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY, JP
[85] 2010-04-20
[86] 2008-08-19 (PCT/JP2008/065065)
[87] (WO2009/054181)
[30] JP (2007-277005) 2007-10-24
[30] JP (PCT/JP2008/052999) 2008-02-21

---

[11] **2,703,524**
[13] C
[51] **Int.Cl. B26D 7/06 (2006.01)**
[25] EN
[54] **MULTIPLE FOOD ARTICLE HIGH SPEED SLICING MACHINE**
[54] **TRANCHEUSE HAUTE VITESSE POUR ARTICLES ALIMENTAIRES MULTIPLES**
[72] LINDEE, SCOTT A., US
[72] SANDBERG, GLENN, US
[72] PASEK, JAMES E., US
[72] LAMARTINO, SALVATORE, US
[72] HANSEN, DAVID, US
[72] WOLCOTT, THOMAS C., US
[72] HANCOCK, DAVID, US
[73] FORMAX INC., US
[85] 2010-04-22
[86] 2008-10-22 (PCT/US2008/080809)
[87] (WO2010/011237)
[30] US (12/255,661) 2008-10-21
[30] US (61/000,202) 2007-10-23
[30] US (60/999,961) 2007-10-22

---

[11] **2,704,614**
[13] C
[51] **Int.Cl. A61M 5/28 (2006.01) A61M 5/19 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **A METHOD AND DEVICE FOR THE SERIAL EJECTION OF TWO FLUIDS COMPRISING A SPACER**
[54] **PROCEDE ET DISPOSITIF POUR L'EJECTION EN SERIE DE DEUX FLUIDES, COMPRENANT UN ELEMENT D'ESPACEMENT**
[72] FRANSSON, JONAS, SE
[72] HJERTMAN, BIRGER, SE
[73] SWEDISH ORPHAN BIOVITRUM AB (PUBL), SE
[85] 2010-05-03
[86] 2008-11-21 (PCT/SE2008/051336)
[87] (WO2009/067082)
[30] SE (0702574-5) 2007-11-22

---

[11] **2,704,680**
[13] C
[51] **Int.Cl. G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SOCIAL ADVERTISEMENTS AND OTHER INFORMATIONAL MESSAGES ON A SOCIAL NETWORKING WEBSITE**
[54] **PUBLICITES A CARACTERE SOCIAL ET AUTRES MESSAGES D'INFORMATION SUR LES SITES WEB DE RESEAUTAGE SOCIAL**
[72] KENDALL, TIMOTHY A., US
[72] COHLER, MATTHEW R., US
[72] ZUCKERBERG, MARK E., US
[72] JUAN, YUN-FANG, US
[72] JIN, ROBERT KANG-XING, US
[72] ROSENSTEIN, JUSTIN M., US
[72] BOSWORTH, ANDREW G., US
[72] WONG, YISHAN, US
[72] D'ANGELO, ADAM, US
[72] PALIHAPITIYA, CHAMATH M., US
[73] FACEBOOK, INC., US
[85] 2010-05-04
[86] 2008-10-22 (PCT/US2008/080789)
[87] (WO2009/061616)
[30] US (60/985,631) 2007-11-05
[30] US (12/193,702) 2008-08-18

[11] **2,704,696**
[13] C
[51] **Int.Cl. H02J 3/00 (2006.01)**
[25] EN
[54] **ACTIVE NETWORK MANAGEMENT**
[54] **GESTION ACTIVE DE RESEAU**
[72] CURRIE, ROBERT ALASTAIR FRASER, GB
[72] AULT, GRAHAM WILLIAM, GB
[73] UNIVERSITY OF STRATHCLYDE, GB
[85] 2010-05-04
[86] 2008-11-17 (PCT/GB2008/003849)
[87] (WO2009/063220)
[30] GB (0722519.6) 2007-11-16

[11] **2,706,090**
[13] C
[51] **Int.Cl. A61M 16/08 (2006.01) A61M 11/00 (2006.01) A61M 16/10 (2006.01)**
[25] EN
[54] **PATIENT INTERFACE ASSEMBLY FOR RESPIRATORY THERAPY**
[54] **ENSEMBLE D'INTERFACE POUR PATIENT EN VUE DE LA THERAPIE RESPIRATOIRE**
[72] DUNSMORE, THOMAS J., US
[72] WISE, GEOFFREY C., US
[72] WILSCHKE, THOMAS C., US
[72] MINGIONE, LOUIS P., US
[73] CAREFUSION 2200, INC., US
[85] 2010-05-18
[86] 2008-11-19 (PCT/US2008/084081)
[87] (WO2009/067549)
[30] US (60/988,977) 2007-11-19

[11] **2,706,737**
[13] C
[51] **Int.Cl. G06F 12/00 (2006.01) G06F 9/54 (2006.01)**
[25] EN
[54] **A MULTI-READER, MULTI-WRITER LOCK-FREE RING BUFFER**
[54] **TAMPON ANNULAIRE INBLOCABLE A PLUSIEURS LECTEURS ET PLUSIEURS ECRIVEURS**
[72] RUSHWORTH, THOMAS BRYAN, CA
[72] TELFER, ANGUS RICHARD, CA
[73] INETCO SYSTEMS LIMITED, CA
[85] 2010-05-26
[86] 2009-01-29 (PCT/CA2009/000124)
[87] (WO2009/097679)
[30] US (12/028,091) 2008-02-08

[11] **2,707,322**
[13] C
[51] **Int.Cl. H01R 9/18 (2006.01) H01R 11/18 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR GROUNDING AND MOUNTING A HIGH AMPERAGE SINGLE POLE CONNECTOR**
[54] **METHODE ET DISPOSITIF DE MISE A LA TERRE ET D'INSTALLATION DE CONNECTEUR UNIPOLAIRE A HAUTE INTENSITE**
[72] ZACHAREVITZ, STEVEN DANIEL, US
[72] EDER, JOHN MICHAEL, US
[73] LEVITON MANUFACTURING COMPANY, INC., US
[86] (2707322)
[87] (2707322)
[22] 2010-06-11
[30] US (12/488,307) 2009-06-19

[11] **2,707,467**
[13] C
[51] **Int.Cl. G06F 15/16 (2006.01) G06F 15/173 (2006.01)**
[25] EN
[54] **EXTENDED MESSAGING PLATFORM**
[54] **PLATEFORME DE MESSAGERIE ETENDUE**
[72] UNDERWOOD, JOHN ANTHONY, PH
[72] KEYS, CHRISTOPHER EDWARD, PH
[72] KERO, MARKKU, PH
[72] LEINONEN, RAINER, PH
[73] 3RD BRAND PTE. LTD., SG
[85] 2010-05-28
[86] 2009-06-30 (PCT/SG2009/000238)
[87] (WO2010/002354)
[30] SG (200805072-6) 2008-07-04

[11] **2,708,491**
[13] C
[51] **Int.Cl. A61C 15/00 (2006.01) A61C 19/06 (2006.01)**
[25] EN
[54] **DEVICE FOR INFILTRATION OF APPROXIMAL ENAMEL LESIONS OF TEETH**
[54] **DISPOSITIF D'INFILTRATION DE LESIONS FUSIBLES APPROXIMALES DE DENTS**
[72] REUSS, STEFFEN, DE
[72] MEYER-LUECKEL, HENDRIK, DE
[72] PARIS, SEBASTIAN, DE
[72] EFFENBERGER, SUSANNE, DE
[73] CHARITE UNIVERSITAETSMEDIZIN BERLIN, DE
[73] ERNST MUEHLBAUER GMBH & CO. KG, DE
[85] 2010-06-08
[86] 2008-10-23 (PCT/EP2008/008968)
[87] (WO2009/077029)
[30] EP (07024508.9) 2007-12-18

[11] **2,708,679**
[13] C
[51] **Int.Cl. A61K 31/7068 (2006.01) A61K 31/20 (2006.01) A61K 31/23 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **MEDIUM-CHAIN LENGTH FATTY ACIDS, SALTS AND TRIGLYCERIDES IN COMBINATION WITH GEMCITABINE FOR TREATMENT OF PANCREATIC CANCER**
[54] **ACIDES GRAS, SELS ET TRIGLYCERIDES A LONGUEUR DE CHAINE MOYENNE COMBINES AVEC DE LA GEMCITABINE, DESTINES AU TRAITEMENT DU CANCER DU PANCREAS**
[72] GAGNON, LYNE, CA
[72] GEERTS, LILIANNE, CA
[72] PENNEY, CHRISTOPHER, CA
[73] PROMETIC BIOSCIENCES INC., CA
[85] 2010-06-10
[86] 2008-12-18 (PCT/CA2008/002190)
[87] (WO2009/076761)
[30] US (61/008,129) 2007-12-19

[11] **2,709,071**
[13] C
[51] **Int.Cl. A23L 5/00 (2016.01) A23P 10/00 (2016.01) A23P 30/00 (2016.01) A61M 11/00 (2006.01)**
[25] EN
[54] **DELIVERING AEROSOLIZABLE FOOD PRODUCTS**
[54] **ADMINISTRATION DE PRODUITS ALIMENTAIRES SOUS FORME D'AEROSOLS**
[72] EDWARDS, DAVID A., US
[72] MAN, JONATHAN, US
[72] KAMLER, JONATHAN JACQUES, US
[72] SANCHEZ, JOSE, FR
[73] AERODESIGNS, INC., US
[85] 2010-06-11
[86] 2008-10-08 (PCT/US2008/079214)
[87] (WO2009/079078)
[30] US (61/013,861) 2007-12-14
[30] US (61/039,783) 2008-03-26

---

[11] **2,710,345**
[13] C
[51] **Int.Cl. C07D 413/04 (2006.01) A61K 31/4245 (2006.01) A61P 37/00 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **TRIAZOLE OXADIAZOLES DERIVATIVES**
[54] **DERIVES DE TRIAZOLES ET D'OXADIAZOLES**
[72] QUATTROPANI, ANNA, CH
[72] CLEVA, CHRISTOPHE, FR
[72] SEBILLE, ERIC, FR
[72] SCHWARZ, MATTHIAS, CH
[72] MARIN, DELPHINE, FR
[72] BOMBRUN, AGNES, CH
[72] BLACKABY, WESLEY, GB
[72] BAKER GLENN, CHARLES, GB
[72] KNIGHT, CHRIS, GB
[72] ROUSE, CRAIG, GB
[73] MERCK SERONO S.A., CH
[85] 2010-06-21
[86] 2008-12-17 (PCT/EP2008/067776)
[87] (WO2009/080663)
[30] EP (07150311.4) 2007-12-21
[30] US (61/066,385) 2008-02-20

---

[11] **2,710,770**
[13] C
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **PERCUTANEOUS HEART VALVE, SYSTEM, AND METHOD**
[54] **VALVULE CARDIAQUE PERCUTANEE, SYSTEME ET METHODE**
[72] KVEEN, GRAIG L., US
[72] JENSON, MARK L., US
[72] THIELEN, JOSEPH M., US
[72] DRASLER, WILLIAM J., US
[72] EIDENSCHINK, TRACEE E.J., US
[73] BOSTON SCIENTIFIC LIMITED, BM
[85] 2010-06-25
[86] 2008-12-19 (PCT/US2008/013888)
[87] (WO2009/085206)
[30] US (12/005,881) 2007-12-28

---

[11] **2,711,607**
[13] C
[51] **Int.Cl. H04W 52/50 (2009.01) H04W 52/10 (2009.01) H04W 52/14 (2009.01) H04W 52/24 (2009.01)**
[25] EN
[54] **METHODS AND DEVICES FOR RANDOM ACCESS POWER CONTROL IN A COMMUNICATIONS NETWORK**
[54] **PROCEDES ET DISPOSITIFS DE REGULATION DE PUISSANCE A ACCES ALEATOIRE DANS UN RESEAU DE COMMUNICATION**
[72] BALDEMAIR, ROBERT, SE
[72] FURUSKAR, ANDERS, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2010-07-06
[86] 2008-10-07 (PCT/SE2008/051142)
[87] (WO2009/088338)
[30] US (61/020,493) 2008-01-11

---

[11] **2,713,942**
[13] C
[51] **Int.Cl. C08K 3/00 (2006.01) C08K 5/09 (2006.01) C08K 5/098 (2006.01) C08L 95/00 (2006.01) E01C 7/24 (2006.01)**
[25] FR
[54] **USE OF AN EXOTHERMIC MIXTURE FOR MANUFACTURING A BITUMINOUS MIX**
[54] **UTILISATION D'UN MELANGE EXOTHERMIQUE POUR LA FABRICATION D'UN ENROBE BITUMINEUX**
[72] LESUEUR, DIDIER, ES
[72] DELFOSSE, FREDERIC, FR
[72] MARTIN, JEAN-VALERY, US
[73] INNOPHOS, INC., US
[85] 2010-07-30
[86] 2009-01-30 (PCT/EP2009/051076)
[87] (WO2009/095476)
[30] FR (0850644) 2008-02-01

---

[11] **2,714,731**
[13] C
[51] **Int.Cl. E21B 7/06 (2006.01) E21B 43/017 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVED POSITIONING OF PADS**
[54] **SYSTEMES ET PROCEDES POUR UN POSITIONNEMENT AMELIORE DE PASTILLES**
[72] SCHOTTLE, GARY, US
[72] COLVIN, DAN, US
[73] LANDMARK GRAPHICS CORPORATION, A HALLIBURTON COMPANY, US
[85] 2010-08-10
[86] 2009-02-11 (PCT/US2009/033821)
[87] (WO2009/102804)
[30] US (61/027,694) 2008-02-11

[11] **2,715,214**
[13] C
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **MOBILE STATION, BASE STATION, BASIC FREQUENCY BLOCK SPECIFYING METHOD AND BAND CONTROL METHOD**
[54] **STATION MOBILE, STATION DE BASE, PROCEDE DE SPECIFICATION DE BLOC DE FREQUENCE FONDAMENTALE ET PROCEDE POUR CONTROLER LA LARGEUR DE BANDE**
[72] KISHIYAMA, YOSHIHISA, JP
[72] TANNO, MOTOHIRO, JP
[72] MIKI, NOBUHIKO, JP
[72] TAOKA, HIDEKAZU, JP
[72] HIGUCHI, KENICHI, JP
[72] SAWAHASHI, MAMORU, JP
[73] NTT DOCOMO, INC., JP
[85] 2010-08-10
[86] 2009-03-27 (PCT/JP2009/056365)
[87] (WO2009/119834)
[30] JP (2008-088104) 2008-03-28

---

[11] **2,715,643**
[13] C
[51] **Int.Cl. H02J 13/00 (2006.01) H02H 3/00 (2006.01)**
[25] EN
[54] **INTELLIGENT CIRCUIT BREAKER APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES DE DISJONCTEUR INTELLIGENT**
[72] KIKO, FREDERICK J., US
[73] SIMPLY AUTOMATED, INCORPORATED, US
[85] 2010-08-13
[86] 2009-02-12 (PCT/US2009/000894)
[87] (WO2009/105171)
[30] US (61/066,324) 2008-02-19
[30] US (12/217,788) 2008-07-08

---

[11] **2,715,789**
[13] C
[51] **Int.Cl. A01N 37/02 (2006.01) A01N 25/02 (2006.01) A01P 13/02 (2006.01)**
[25] EN
[54] **HERBICIDAL GLYCEROL FATTY ACID ESTER**
[54] **ESTER D'ACIDE GRAS ET DE GLYCEROL HERBICIDE**
[72] KOSHIO, KAIHEI, JP
[72] OHIKE, HIROKAZU, JP
[72] SHIINO, DAIJIRO, JP
[72] SHIMADA, MASAHIKO, JP
[72] TSURUOKA, KUNIAKI, JP
[72] YAMANAKA, AIKO, JP
[73] NOF CORPORATION, JP
[85] 2010-08-16
[86] 2009-02-18 (PCT/JP2009/053305)
[87] (WO2009/104800)
[30] JP (2008-036634) 2008-02-18

---

[11] **2,715,883**
[13] C
[51] **Int.Cl. B65D 39/00 (2006.01) B65D 41/00 (2006.01) B65D 43/00 (2006.01) B65D 47/00 (2006.01) B65D 47/20 (2006.01) B65D 51/00 (2006.01)**
[25] EN
[54] **VALVE MOUNTING ASSEMBLY WITH SLIT MISALIGNMENT PREVENTION FEATURE**
[54] **ENSEMBLE DE MONTAGE DE SOUPAPE AVEC FONCTION DE PREVENTION DE DEFAUT D'ALIGNEMENT DE FENTE**
[72] GAUS, DAVID J., US
[73] LIQUID MOLDING SYSTEMS, INC., US
[85] 2010-08-17
[86] 2009-01-26 (PCT/US2009/000501)
[87] (WO2009/105149)
[30] US (12/070,799) 2008-02-21

---

[11] **2,716,852**
[13] C
[51] **Int.Cl. G01N 33/53 (2006.01) A61K 38/22 (2006.01) A61P 3/10 (2006.01) A61P 9/10 (2006.01) A61P 9/12 (2006.01) C12Q 1/37 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **HIGH-MOLECULAR-WEIGHT ADIPONECTIN MEASUREMENT METHOD**
[54] **PROCEDE DE MESURE D'ADIPONECTINE DE MASSE MOLECULAIRE ELEVEE**
[72] EBINUMA, HIROYUKI, JP
[73] SEKISUI MEDICAL CO., LTD., JP
[85] 2010-08-26
[86] 2009-02-27 (PCT/JP2009/000903)
[87] (WO2009/107398)
[30] JP (2008-049198) 2008-02-29

---

[11] **2,716,945**
[13] C
[51] **Int.Cl. H01R 13/62 (2006.01) F21V 19/00 (2006.01)**
[25] EN
[54] **END CAP, SOCKET, AND ADAPTORS FOR USE WITH A LAMP**
[54] **EMBOUT, DOUILLE ET ADAPTATEURS A UTILISER AVEC UNE LAMPE**
[72] SAUSKA, CHRISTIAN L., US
[72] ZAYAS, BETTY, JEAN, US
[72] MARKO, LASZLO, HU
[73] LIGHT SOURCES, INC., US
[85] 2010-08-24
[86] 2009-06-12 (PCT/US2009/047200)
[87] (WO2010/005682)
[30] US (61/060,983) 2008-06-12
[30] US (61/116,336) 2008-11-20

[11] **2,717,502**
[13] C
[51] **Int.Cl. E21B 49/00 (2006.01) E21B 43/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **ANALYZING AN OILFIELD NETWORK FOR OILFIELD PRODUCTION**
[54] **ANALYSE D'UN RESEAU DE GISEMENTS DE PETROLE POUR L'EXPLOITATION D'UN GISEMENT DE PETROLE**
[72] WATTERS, COLIN, GB
[72] FERRAMOSCA, ADRIAN, GB
[72] BENNETT, JAMES, GB
[72] LUCAS-CLEMENTS, DANIEL, GB
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2010-09-03
[86] 2009-02-20 (PCT/US2009/034602)
[87] (WO2009/114248)
[30] US (61/034,893) 2008-03-07
[30] US (12/388,718) 2009-02-19

---

[11] **2,717,855**
[13] C
[51] **Int.Cl. A61B 5/154 (2006.01)**
[25] EN
[54] **FLASHBACK BLOOD COLLECTION NEEDLE**
[54] **AIGUILLE DE PRELEVEMENT SANGUIN DE RETOUR**
[72] TAN, CHEE LEONG ALVIN, SG
[72] MOH, JON, SG
[72] SIM, STANLEY, SG
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2010-09-07
[86] 2008-09-09 (PCT/US2008/075716)
[87] (WO2009/110922)
[30] US (12/044,354) 2008-03-07
[30] US (12/206,273) 2008-09-08

---

[11] **2,718,215**
[13] C
[51] **Int.Cl. E21B 34/08 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **BELLOWS VALVE**
[54] **SOUPAPE A SOUFFLETS**
[72] KLEPPA, ERLING, NO
[72] STOKKA, ØYVIND, NO
[72] SEVHEIM, OLE, NO
[73] PETROLEUM TECHNOLOGY COMPANY AS, NO
[85] 2010-09-10
[86] 2009-03-13 (PCT/NO2009/000093)
[87] (WO2009/113875)
[30] NO (2008 1341) 2008-03-13

---

[11] **2,718,476**
[13] C
[51] **Int.Cl. G01B 15/02 (2006.01) G01B 17/02 (2006.01) G01N 29/04 (2006.01) G01N 29/28 (2006.01)**
[25] EN
[54] **FLOW AND PIPE MANAGEMENT USING VELOCITY PROFILE MEASUREMENT AND/OR PIPE WALL THICKNESS AND WEAR MONITORING**
[54] **GESTION D'ECOULEMENT ET DE TUYAU UTILISANT UNE MESURE DE PROFIL DE VITESSE ET/OU SURVEILLANCE D'EPAISSEUR ET D'USURE DE PAROI DE TUYAU**
[72] O'KEEFE, CHRISTIAN, US
[72] MARON, ROBERT J., US
[72] FERNALD, MARK R., US
[72] BAILEY, TIMOTHY J., US
[72] VAN DER SPEK, ALEX, NL
[72] DAVIS, MICHAEL A., US
[72] VIEGA, JOHN V., US
[73] CIDRA CORPORATE SERVICES, INC., US
[85] 2010-09-13
[86] 2009-03-16 (PCT/US2009/037269)
[87] (WO2009/114847)
[30] US (61/036,689) 2008-03-14
[30] US (61/054,612) 2008-05-20
[30] US (61/133,878) 2008-07-02
[30] US (61/103,686) 2008-10-08
[30] US (61/117,762) 2008-11-25

---

[11] **2,722,675**
[13] C
[51] **Int.Cl. G06F 15/16 (2006.01) G06F 9/00 (2006.01) G06F 13/14 (2006.01)**
[25] EN
[54] **DATA FLOW NETWORK**
[54] **RESEAU DE FLUX DE DONNEES**
[72] GUSTAFSSON, NIKLAS, US
[72] CALLAHAN, DAVID, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2010-10-26
[86] 2009-05-07 (PCT/US2009/043112)
[87] (WO2009/148759)
[30] US (12/131,449) 2008-06-02

---

[11] **2,723,159**
[13] C
[51] **Int.Cl. G01V 1/30 (2006.01)**
[25] EN
[54] **MARINE PASSIVE SEISMIC METHOD FOR DIRECT HYDROCARBON DETECTION**
[54] **PROCEDE SISMIQUE PASSIF MARIN POUR LA DETECTION DIRECTE D'HYDROCARBURES**
[72] TENGHAMN, STIG RUNE LENNART, US
[72] BOERRESEN, CLAES NICOLAI, US
[73] PGS GEOPHYSICAL AS, NO
[85] 2010-10-29
[86] 2009-04-01 (PCT/US2009/002045)
[87] (WO2010/047730)
[30] US (12/151,314) 2008-05-06

---

[11] **2,723,573**
[13] C
[51] **Int.Cl. C08B 1/00 (2006.01) D01F 2/02 (2006.01)**
[25] EN
[54] **A METHOD FOR DISSOLVING CELLULOSE AND A CELLULOSIC PRODUCT OBTAINED FROM A SOLUTION COMPRISING DISSOLVED CELLULOSE**
[54] **PROCEDE POUR DISSOUDRE LA CELLULOSE ET PRODUIT CELLULOSIQUE OBTENU A PARTIR D'UNE SOLUTION CONTENANT DE LA CELLULOSE DISSOUTE**
[72] VEHVILAEINEN, MARIANNA, FI
[72] NOUSIAINEN, PERTTI, FI
[72] KAMPPURI, TAINA, FI
[72] JAERVENTAUSTA, MAIJA, FI
[73] TTY SAATIO, FI
[73] TEKNOLOGIAN TUTKIMUSKESKUS VTT OY, FI
[85] 2010-11-04
[86] 2009-05-06 (PCT/EP2009/055479)
[87] (WO2009/135875)
[30] EP (08397510.2) 2008-05-06

[11] **2,723,673**
[13] C
[51] **Int.Cl. G01F 1/66 (2006.01)**
[25] EN
[54] **APPARATUS FOR ATTENUATING ULTRASONIC WAVES PROPAGATING WITHIN A PIPE WALL**
[54] **APPAREIL POUR ATTENUER DES ONDES ULTRASONORES SE PROPAGEANT DANS UNE PAROI DE TUYAU**
[72] GYSLING, DANIEL L., US
[73] EXPRO METERS, INC., US
[85] 2010-11-05
[86] 2009-04-10 (PCT/US2009/040221)
[87] (WO2009/126895)
[30] US (61/043,095) 2008-04-10

---

[11] **2,723,692**
[13] C
[51] **Int.Cl. G01F 1/66 (2006.01)**
[25] EN
[54] **CLAMP-ON APPARATUS FOR MEASURING A FLUID FLOW THAT INCLUDES A PROTECTIVE SENSOR HOUSING**
[54] **APPAREIL NON INTRUSIF INCORPORANT UN BOITIER DE DETECTEURS PROTECTEUR PERMETTANT DE MESURER L'ECOULEMENT D'UN FLUIDE**
[72] GYSLING, DANIEL L., US
[73] EXPRO METERS, INC., US
[85] 2010-11-05
[86] 2009-04-13 (PCT/US2009/040360)
[87] (WO2009/126956)
[30] US (61/044,344) 2008-04-11

---

[11] **2,724,044**
[13] C
[51] **Int.Cl. G08B 17/103 (2006.01)**
[25] EN
[54] **PHOTOELECTRIC SMOKE SENSOR**
[54] **DETECTEUR DE FUMEE PHOTOELECTRIQUE**
[72] KAWASHIMA, TAKAHIRO, JP
[73] NOHMI BOSAI LTD., JP
[86] (2724044)
[87] (2724044)
[22] 2010-12-06
[30] JP (2009-280784) 2009-12-10

---

[11] **2,724,621**
[13] C
[51] **Int.Cl. C02F 5/10 (2006.01)**
[25] EN
[54] **METHOD FOR INHIBITING THE FORMATION AND DEPOSITION OF SILICA SCALE IN AQUEOUS SYSTEMS**
[54] **PROCEDE PERMETTANT D'INHIBER LA FORMATION ET LE DEPOT DE TARTRE DE SILICE DANS DES SYSTEMES D'ALIMENTATION EN EAU**
[72] GILL, JASBIR S., US
[72] KIDMABI, SRIKANTH S., US
[72] FUN-YUEE LU, FRANK, US
[72] MORRIS, JOHN D., US
[73] NALCO COMPANY, US
[85] 2010-11-16
[86] 2009-05-30 (PCT/US2009/045757)
[87] (WO2009/148978)
[30] US (12/131,571) 2008-06-02

---

[11] **2,724,750**
[13] C
[51] **Int.Cl. A47J 31/36 (2006.01) A47J 31/40 (2006.01)**
[25] EN
[54] **MIXING AND DISPENSING APPARATUS WITH MOVABLE MIXING CHAMBER**
[54] **APPAREIL DE MELANGE ET DE DISTRIBUTION DE BOISSON A CHAMBRE DE MELANGE MOBILE**
[72] BERNHARDSGRUETTER, RAPHAEL, CH
[72] BEAUSIRE, CEDRIC, CH
[72] SCORRANO, LUCIO, CH
[73] NESTEC S.A., CH
[85] 2010-11-17
[86] 2009-05-29 (PCT/EP2009/056587)
[87] (WO2009/153157)
[30] EP (08157211.7) 2008-05-29

---

[11] **2,724,946**
[13] C
[51] **Int.Cl. B82B 3/00 (2006.01) B32B 9/00 (2006.01) C08J 5/18 (2006.01) H01L 51/50 (2006.01)**
[25] EN
[54] **FIBROUS NETWORKS AND A METHOD AND APPARATUS FOR CONTINUOUS OR BATCH FIBROUS NETWORK PRODUCTION**
[54] **RESEAUX FIBREUX, PROCEDE ET APPAREIL DE PRODUCTION DE RESEAU FIBREUX EN CONTINU OU EN LOT**
[72] BROWN, DAVID P., FI
[72] OLLIKAINEN, ANDREI, FI
[72] KAUPPINEN, ESKO I., FI
[72] NASIBULIN, ALBERT G., FI
[72] HEIKKONEN, JUSSI, FI
[73] CANATU OY, FI
[85] 2010-11-19
[86] 2008-06-23 (PCT/FI2008/050383)
[87] (WO2009/000969)
[30] FI (20075482) 2007-06-25

---

[11] **2,725,782**
[13] C
[51] **Int.Cl. A47J 37/12 (2006.01)**
[25] EN
[54] **COOKING DEVICE**
[54] **DISPOSITIF DE CUISSON**
[72] FOSTER, PAUL LINCOLN, US
[72] THORNOCK, DEL MOFFAT, US
[73] SPINFRY, INC., US
[85] 2010-10-14
[86] 2009-04-14 (PCT/US2009/040451)
[87] (WO2009/129209)
[30] US (61/044,733) 2008-04-14
[30] US (12/193,618) 2008-08-18
[30] US (12/193,615) 2008-08-18
[30] US (61/146,859) 2009-01-23

[11] **2,727,402**
[13] C
[51] **Int.Cl. A61B 17/14 (2006.01) B27B 19/00 (2006.01)**
[25] EN
[54] **SURGICAL CUTTING INSTRUMENT WITH DUAL SURFACE**
[54] **INSTRUMENT CHIRURGICAL DE COUPE AVEC DOUBLE SURFACE**
[72] BOYKIN, CHRISTOPHER M., US
[72] TIDWELL, DURRELL G., US
[73] MEDTRONIC PS MEDICAL, INC., US
[85] 2010-12-09
[86] 2009-05-28 (PCT/US2009/045429)
[87] (WO2009/151965)
[30] US (12/136,917) 2008-06-11

---

[11] **2,727,473**
[13] C
[51] **Int.Cl. H04L 1/16 (2006.01) H04W 4/06 (2009.01)**
[25] EN
[54] **APPARATUS FOR REQUESTING ACKNOWLEDGEMENT AND TRANSMITTING ACKNOWLEDGEMENT OF MULTICAST DATA IN WIRELESS LOCAL AREA NETWORKS**
[54] **APPAREIL DE DEMANDE D'ACCUSE DE RECEPTION ET DE TRANSMISSION D'ACCUSE DE RECEPTION DE DONNEES A MULTIDESTINATION DANS DES RESEAUX DE ZONE LOCALE SANS FIL**
[72] LIU, HANG, US
[72] MANDREKAR, ISHAN, US
[72] WU, MINGQUAN, US
[72] PERUMANAM, RAMKUMAR, US
[72] MATHUR, SAURABH, US
[73] THOMSON LICENSING, FR
[85] 2010-12-09
[86] 2008-06-26 (PCT/US2008/008031)
[87] (WO2009/157901)

---

[11] **2,728,240**
[13] C
[51] **Int.Cl. A61L 27/24 (2006.01) A61L 27/36 (2006.01) A61L 27/58 (2006.01) B32B 5/26 (2006.01)**
[25] EN
[54] **QUILTED IMPLANTABLE GRAFT**
[54] **GREFFON IMPLANTABLE MATELASSE**
[72] MILLER, JEFFREY, US
[72] PATEL, UMESH H., US
[73] COOK BIOTECH INCORPORATED, US
[85] 2010-12-07
[86] 2009-06-10 (PCT/US2009/046857)
[87] (WO2009/152215)
[30] US (61/060,316) 2008-06-10

---

[11] **2,728,854**
[13] C
[51] **Int.Cl. E02D 3/12 (2006.01)**
[25] EN
[54] **DEVICE FOR CONSOLIDATING SOILS BY MEANS OF MECHANICAL MIXING AND INJECTION OF CONSOLIDATING FLUIDS**
[54] **DISPOSITIF POUR CONSOLIDER DES SOLS AU MOYEN DE MELANGE MECANIQUE ET D'INJECTION DE FLUIDES DE CONSOLIDATION**
[72] BISERNA, EZIO, IT
[73] SOILMEC S.P.A., IT
[85] 2010-12-21
[86] 2009-06-08 (PCT/EP2009/004101)
[87] (WO2009/156056)
[30] IT (TO2008A000503) 2008-06-27

---

[11] **2,728,978**
[13] C
[51] **Int.Cl. A61K 8/36 (2006.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR LIGHTENING SKIN COLOR**
[54] **COMPOSITION D'ECLAIRCISSEMENT DE LA COULEUR DE LA PEAU**
[72] MADISON, STEPHEN ALAN, US
[73] UNILEVER PLC, GB
[85] 2010-12-20
[86] 2009-06-04 (PCT/EP2009/056886)
[87] (WO2009/153169)
[30] US (12/141,561) 2008-06-18

---

[11] **2,730,731**
[13] C
[51] **Int.Cl. E02F 3/627 (2006.01) E02F 3/36 (2006.01)**
[25] EN
[54] **LOCKING DEVICE FOR SECURING A BACKHOE ATTACHMENT TO A CARRIER LIFT ARM**
[54] **DISPOSITIF DE VERROUILLAGE DESTINE A FIXER UNE PELLE RETROCAVEUSE A UN BRAS DE LEVAGE DE CAMION PORTEUR**
[72] LOUGHEED, CHRISTOPHER W., US
[73] CLARK EQUIPMENT COMPANY, US
[85] 2011-01-13
[86] 2009-07-14 (PCT/US2009/050472)
[87] (WO2010/009081)
[30] US (12/175,800) 2008-07-18

---

[11] **2,731,694**
[13] C
[51] **Int.Cl. C02F 1/42 (2006.01) C02F 1/00 (2006.01)**
[25] EN
[54] **RETROFITTABLE CONTROL UNIT FOR A SOFTENING APPARATUS**
[54] **UNITE DE COMMANDE ADAPTABLE POUR UN ADOUCISSEUR**
[72] DOPSLAFF, CARSTEN, DE
[72] SOECKNICK, RALF, DE
[72] NEIDHARDT, KLAUS, DE
[72] HAUG, ALEXANDER, DE
[72] MELCHER, SIEGFRIED, DE
[73] JUDO WASSERAUFBEREITUNG GMBH, DE
[85] 2011-01-21
[86] 2009-07-09 (PCT/DE2009/000957)
[87] (WO2010/017792)
[30] DE (10 2008 037 229.3) 2008-08-09

[11] **2,732,429**
[13] C
[51] **Int.Cl. G01F 1/66 (2006.01) G01F 15/14 (2006.01)**
[25] EN
[54] **APPARATUS FOR ATTENUATING ULTRASONIC WAVES PROPAGATING WITHIN A PIPE WALL**
[54] **APPAREIL POUR ATTENUER DES ONDES ULTRASONORES SE PROPAGEANT DANS UNE PAROI DE TUYAU**
[72] GYSLING, DANIEL L., US
[73] EXPRO METERS, INC., US
[85] 2011-01-28
[86] 2009-07-02 (PCT/US2009/049525)
[87] (WO2010/003063)
[30] US (61/078,091) 2008-07-03
[30] US (61/098,022) 2008-09-18
[30] US (61/115,785) 2008-11-18

---

[11] **2,733,636**
[13] C
[51] **Int.Cl. A61K 38/17 (2006.01) A61P 35/00 (2006.01) C07K 14/435 (2006.01)**
[25] EN
[54] **THE USE OF WNT5-A PEPTIDE DERIVATES FOR THE TREATMENT OF MELANOMA AND GASTRIC CANCER**
[54] **UTILISATION DE DERIVES PEPTIDIQUES WNT5-A POUR LE TRAITEMENT DU MELANOME ET DU CANCER GASTRIQUE**
[72] ANDERSSON, TOMMY, SE
[73] WNTRESEARCH AB, SE
[85] 2011-02-08
[86] 2009-08-13 (PCT/SE2009/050935)
[87] (WO2010/019103)
[30] SE (0801791-5) 2008-08-13

---

[11] **2,733,786**
[13] C
[51] **Int.Cl. E21B 10/62 (2006.01) E21B 10/02 (2006.01) B23B 51/04 (2006.01)**
[25] EN
[54] **CORE DRILL BIT**
[54] **TREPAN DE CAROTTAGE**
[72] BELL, ANDY, AU
[72] PURSER, RAYMOND, AU
[73] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2011-02-10
[86] 2009-06-15 (PCT/SE2009/050736)
[87] (WO2010/019092)
[30] AU (2008205690) 2008-08-15

---

[11] **2,733,939**
[13] C
[51] **Int.Cl. G21B 1/11 (2006.01)**
[25] EN
[54] **METHOD FOR INJECTING ELECTRONS INTO PLASMA DERIVED FROM INERTIAL CONFINEMENT OF A FUSION FUEL**
[54] **METHODE D'INJECTION D'ELECTRONS DANS LE PLASMA DERIVEE DU CONFINEMENT INERTIEL D'UN COMBUSTIBLE POUR LA FUSION**
[72] BIRNBACH, CURTIS A., US
[73] ADVANCED FUSION SYSTEMS LLC, US
[85] 2011-02-11
[86] 2009-08-28 (PCT/US2009/055448)
[87] (WO2010/047880)
[30] US (61/190,435) 2008-08-28
[30] US (61/211,449) 2009-03-30

---

[11] **2,735,984**
[13] C
[51] **Int.Cl. D21F 1/12 (2006.01) D21F 1/14 (2006.01) D21F 7/10 (2006.01) F16G 3/10 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING PAPERMAKER'S AND INDUSTRIAL FABRIC SEAM AND SEAM PRODUCED BY THAT METHOD**
[54] **PROCESSUS DE PRODUCTION DE COUTURE DE TISSU INDUSTRIEL ET DE PAPETERIE ET COUTURE PRODUITE PAR CE PROCEDE**
[72] HANSEN, ROBERT, US
[72] EAGLES, DANA, US
[72] OLSSON, LENNART, SE
[73] ALBANY INTERNATIONAL CORP., US
[85] 2011-03-03
[86] 2009-08-21 (PCT/US2009/054653)
[87] (WO2010/027709)
[30] US (12/231,669) 2008-09-04
[30] US (12/398,799) 2009-03-05

---

[11] **2,737,105**
[13] C
[51] **Int.Cl. F23C 99/00 (2006.01) B01J 8/26 (2006.01) B08B 15/00 (2006.01) C10G 11/18 (2006.01) F23C 10/00 (2006.01) F23C 10/01 (2006.01) F23C 10/04 (2006.01)**
[25] FR
[54] **OPTIMISED METHOD AND DEVICE FOR CHEMICAL LOOP COMBUSTION ON LIQUID HYDROCARBON FEEDSTOCK**
[54] **PROCEDE ET DISPOSITIF OPTIMISES DE COMBUSTION PAR BOUCLE CHIMIQUE SUR DES CHARGES HYDROCARBONEES LIQUIDES**
[72] GAUTHIER, THIERRY, FR
[72] HOTEIT, ALI, FR
[72] FORRET, ANN, FR
[73] IFP ENERGIES NOUVELLES, FR
[73] TOTAL S.A., FR
[85] 2011-03-11
[86] 2009-09-21 (PCT/FR2009/001113)
[87] (WO2010/034900)
[30] FR (08/05220) 2008-09-23

---

[11] **2,737,257**
[13] C
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 31/485 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL DOSAGE FORMS COMPRISING POLY(.EPSILON.-CAPROLACTONE)**
[54] **FORMES GALENIQUES COMPRENANT DE LA POLY(.EPSILON.-CAPROLACTONE)**
[72] MACHONIS, MERIDITH LEE, US
[73] PURDUE PHARMA L.P., US
[85] 2011-03-14
[86] 2009-09-17 (PCT/IB2009/006917)
[87] (WO2010/032128)
[30] US (61/098,089) 2008-09-18
[30] US (61/223,497) 2009-07-07

[11] **2,737,275**
[13] C
[51] **Int.Cl. A61L 15/46 (2006.01) A61F 13/53 (2006.01) B32B 7/02 (2006.01) A01N 31/02 (2006.01) A01N 35/06 (2006.01) A01N 47/44 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLES HAVING ANTIMICROBIAL PROPERTIES AND METHODS OF MANUFACTURING THE SAME**
[54] **ARTICLES ABSORBANTS PRESENTANT DES PROPRIETES ANTIMICROBIENNES ET PROCEDES DE FABRICATION DE CEUX-CI**
[72] YAO, MIN, US
[72] LOVE, DANIEL B., US
[72] CHAKRAVARTHY, DEBASHISH, US
[72] SETOODEH, AMIN, US
[73] MEDLINE INDUSTRIES, INC., US
[85] 2011-03-14
[86] 2009-09-18 (PCT/US2009/057488)
[87] (WO2010/033811)
[30] US (12/233,215) 2008-09-18

---

[11] **2,737,787**
[13] C
[51] **Int.Cl. H02M 1/42 (2007.01) H02M 5/458 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES AND METHODS FOR MANAGING REACTIVE POWER**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES PERMETTANT DE GERER UNE PUISSANCE REACTIVE**
[72] ROBERTSON, DANIEL W., US
[73] SIEMENS INDUSTRY, INC., US
[85] 2011-03-18
[86] 2009-09-22 (PCT/US2009/057764)
[87] (WO2010/033959)
[30] US (61/098,958) 2008-09-22

---

[11] **2,737,946**
[13] C
[51] **Int.Cl. F23C 13/02 (2006.01)**
[25] EN
[54] **CONVERSION OF CARBONACEOUS FUELS INTO CARBON FREE ENERGY CARRIERS**
[54] **TRANSFORMATION DES COMBUSTIBLES CARBONES EN VECTEURS ENERGETIQUES SANS CARBONE**
[72] FAN, LIANG-SHIH, US
[72] LI, FANXING, US
[73] THE OHIO STATE UNIVERSITY, US
[85] 2011-03-21
[86] 2009-09-28 (PCT/US2009/058579)
[87] (WO2010/037011)
[30] US (61/100,520) 2008-09-26

---

[11] **2,738,236**
[13] C
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/47 (2006.01) A61K 31/495 (2006.01) A61P 33/02 (2006.01) C07D 215/56 (2006.01) C07D 401/02 (2006.01) C07D 401/04 (2006.01)**
[25] EN
[54] **PROCESS FOR MAKING QUINOLONE COMPOUNDS**
[54] **PROCEDE DE PREPARATION DE COMPOSES DE QUINOLONE**
[72] HANSELMANN, ROGER, US
[72] REEVE, MAXWELL M., US
[72] JOHNSON, GRAHAM, US
[73] RIB-X PHARMACEUTICALS, INC., US
[85] 2011-03-23
[86] 2009-09-23 (PCT/US2009/005276)
[87] (WO2010/036329)
[30] US (61/194,083) 2008-09-24

---

[11] **2,738,394**
[13] C
[51] **Int.Cl. H02G 11/02 (2006.01) B65H 75/28 (2006.01) B65H 75/38 (2006.01) B65H 75/44 (2006.01) F16L 1/11 (2006.01) F16L 58/00 (2006.01) F17D 5/00 (2006.01) G01R 31/00 (2006.01)**
[25] EN
[54] **SPOOLING APPARATUS FOR SURVEY WIRE**
[54] **APPAREIL DE BOBINAGE POUR FIL DE LEVE**
[72] MCDONNELL, SHAMUS, CA
[72] LISCHUK, GORDON, CA
[73] PURE TECHNOLOGIES LTD., CA
[86] (2738394)
[87] (2738394)
[22] 2011-04-26

---

[11] **2,738,667**
[13] C
[51] **Int.Cl. C07D 241/04 (2006.01) C10L 3/06 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR INHIBITING THE AGGLOMERATION OF HYDRATES**
[54] **COMPOSITIONS ET PROCEDES D'INHIBITION DE L'AGGLOMERATION D'HYDRATES**
[72] ACOSTA, ERICK J., US
[73] NALCO COMPANY, US
[85] 2011-03-25
[86] 2009-10-06 (PCT/US2009/059649)
[87] (WO2010/042482)
[30] US (12/245,849) 2008-10-06

---

[11] **2,738,850**
[13] C
[51] **Int.Cl. B42D 25/47 (2014.01) B42D 25/328 (2014.01) B42D 25/425 (2014.01)**
[25] EN
[54] **CARD WITH EMBEDDED SECURITY ELEMENT**
[54] **CARTE A ELEMENT DE SECURITE INTEGRE**
[72] ENDRES, GUENTER, DE
[72] OWEGER, BERND, DE
[72] STAHL, JUERGEN KARL, DE
[72] SALZER, TOBIAS, DE
[73] GIESECKE & DEVRIENT GMBH, DE
[85] 2011-03-29
[86] 2009-09-29 (PCT/EP2009/007007)
[87] (WO2010/037526)
[30] DE (10 2008 049 631.6) 2008-09-30

[11] **2,740,512**
[13] C
[51] **Int.Cl. F01D 5/08 (2006.01) G05D 23/02 (2006.01) F01D 5/30 (2006.01)**
[25] FR
[54] **TURBINE BLADE EQUIPPED WITH MEANS OF ADJUSTING ITS COOLING FLUID FLOW RATE**
[54] **AUBE DE TURBINE EQUIPEE DE MOYENS DE REGLAGE DE SON DEBIT DE FLUIDE DE REFROIDISSEMENT**
[72] GROHENS, REGIS, FR
[72] ROYAN, RENAUD GABRIEL CONSTANT, FR
[73] SNECMA, FR
[85] 2011-04-13
[86] 2009-10-16 (PCT/FR2009/051975)
[87] (WO2010/046584)
[30] FR (0857154) 2008-10-22

[11] **2,741,157**
[13] C
[51] **Int.Cl. C08F 283/00 (2006.01) C07C 67/28 (2006.01) C07C 213/00 (2006.01) C08F 283/10 (2006.01) C08F 289/00 (2006.01) C08L 51/08 (2006.01) C08L 53/00 (2006.01) C09D 151/08 (2006.01) C09D 153/00 (2006.01)**
[25] EN
[54] **ACRYLATED EPOXY-AMINE OLIGOMERS**
[54] **OLIGOMERES EPOXY-AMINE ACRYLATES**
[72] HERLIHY, SHAUN, GB
[72] FUERTES, LUISA, GB
[73] SUN CHEMICAL B.V., NL
[85] 2011-04-19
[86] 2009-10-19 (PCT/EP2009/063692)
[87] (WO2010/046351)
[30] US (61/107,030) 2008-10-21

[11] **2,741,486**
[13] C
[51] **Int.Cl. B29C 70/46 (2006.01) B29C 70/34 (2006.01)**
[25] EN
[54] **MANUFACTURING METHOD OF A COMPLEX GEOMETRY PANEL IN PREPREG COMPOSITE MATERIAL**
[54] **PROCEDE DE FABRICATION D'UN PANNEAU A GEOMETRIE COMPLEXE EN MATERIAU COMPOSITE PREIMPREGNE**
[72] SANCHEZ-BRUNETE ALVAREZ, DESIDERIO, ES
[73] AIRBUS OPERATIONS, S.L., ES
[85] 2011-04-21
[86] 2009-10-28 (PCT/ES2009/070466)
[87] (WO2010/049566)
[30] ES (P200803085) 2008-10-30

[11] **2,743,384**
[13] C
[51] **Int.Cl. F21V 33/00 (2006.01) D03D 15/00 (2006.01) E04B 2/74 (2006.01) G02B 6/00 (2006.01) G09F 13/14 (2006.01) F21V 8/00 (2006.01)**
[25] FR
[54] **LUMINOUS PLATE**
[54] **PLAQUE LUMINEUSE**
[72] PEREZ, SYLVIE, FR
[72] BENKEMOUN, YVES, FR
[72] TRUQUIN, PATRICK, FR
[72] RIVAUD, ANDRE, FR
[73] BPB LIMITED, GB
[85] 2011-05-10
[86] 2009-11-17 (PCT/FR2009/001313)
[87] (WO2010/058095)
[30] FR (0806452) 2008-11-18

[11] **2,743,583**
[13] C
[51] **Int.Cl. A61M 5/34 (2006.01)**
[25] EN
[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION**
[72] TEZEL, AHMET, US
[72] MCNERNEY, KEVIN, US
[72] MUDD, CHRISTOPHER S., US
[72] STORIE, BLAKE R., US
[72] MANDAROUX, BASTIEN, FR
[73] ALLERGAN, INC., US
[85] 2011-05-12
[86] 2009-12-02 (PCT/US2009/066427)
[87] (WO2010/065649)
[30] US (61/119,298) 2008-12-02
[30] US (61/139,430) 2008-12-19

[11] **2,743,684**
[13] C
[51] **Int.Cl. D21H 27/02 (2006.01) A47K 10/16 (2006.01) B65H 35/00 (2006.01) D21H 25/00 (2006.01) D21H 27/00 (2006.01)**
[25] EN
[54] **WEB PRODUCT FEATURING PERFORATIONS FORMED FROM OVERSTRAINED FIBERS**
[54] **PRODUIT EN BANDE CONTINUE MUNI DE PERFORATIONS UNIQUES**
[72] FELDMANN, NAKOMI L., US
[72] KIEN, KATHRYN C., US
[73] THE PROCTER & GAMBLE COMPANY, US
[86] (2743684)
[87] (2743684)
[22] 2011-06-17
[30] US (12/819,434) 2010-06-21

[11] **2,743,879**
[13] C
[51] **Int.Cl. D07B 5/00 (2006.01) B21F 7/00 (2006.01) B21K 1/44 (2006.01) D07B 7/00 (2006.01) D07B 7/02 (2006.01) D07B 7/18 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MANUFACTURING A CABLE BOLT**
[54] **APPAREIL ET PROCEDE DE FABRICATION D'UN ETRIER EN CABLE**
[72] EVANS, DAVID WILLIAM, AU
[72] ZERCHER, MARK A., US
[73] DYWIDAG-SYSTEMS INTERNATIONAL PTY LIMITED, AU
[85] 2011-05-16
[86] 2009-12-22 (PCT/AU2009/001689)
[87] (WO2010/071935)
[30] AU (2008906643) 2008-12-24

[11] **2,745,086**
[13] C
[51] **Int.Cl. E21B 47/13 (2012.01) E21B 7/08 (2006.01)**
[25] EN
[54] **DOWNHOLE COMMUNICATION DEVICES AND METHODS OF USE**
[54] **DISPOSITIFS DE COMMUNICATION DE FOND ET PROCEDES D'UTILISATION**
[72] SHAKRA, FRED J., GB
[72] LOUDEN, PHILIP, GB
[72] KOTSONIS, SPYRIDON, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2011-05-30
[86] 2009-11-30 (PCT/US2009/066036)
[87] (WO2010/065431)
[30] US (12/325,499) 2008-12-01

---

[11] **2,745,848**
[13] C
[51] **Int.Cl. B09B 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR STIMULATING BIODEGRADATION AND THE DEGASSING OF WASTE DISPOSAL SITES**
[54] **PROCEDE POUR ACTIVER LA BIODEGRADATION ET LE DEGAZAGE DE SITES DE D'ELIMINATION DE DECHETS**
[72] WAMMES, JACOBUS CORNELIS, NL
[72] VAN EIJK, JOHANNES KASPER, NL
[73] TRISOPLAST INTERNATIONAL B.V., NL
[73] COFRA B.V., NL
[85] 2011-06-02
[86] 2009-11-30 (PCT/NL2009/000239)
[87] (WO2010/068087)
[30] NL (1036270) 2008-12-03

---

[11] **2,748,329**
[13] C
[51] **Int.Cl. E04F 13/18 (2006.01) B27N 3/28 (2006.01) B29C 47/00 (2006.01) E04F 15/10 (2006.01)**
[25] EN
[54] **COVERING PANEL**
[54] **PANNEAU DE COUVERTURE**
[72] WYBO, CARLOS, BE
[72] LASSEEL, SAMMY, BE
[73] PARCOLYS FLOORING N.V., BE
[85] 2011-06-20
[86] 2009-12-15 (PCT/EP2009/008984)
[87] (WO2010/072357)
[30] BE (2008/0689) 2008-12-22

---

[11] **2,749,303**
[13] C
[51] **Int.Cl. D21H 27/02 (2006.01) B31F 1/07 (2006.01)**
[25] EN
[54] **METHOD OF EMBOSSING AND PERFORATING A WEB HAVING A TRANSLUMINANCE RATIO**
[54] **METHODE D'EMBOSSAGE ET DE PERFORATION D'UNE BANDE AYANT UNE PROPORTION DE TRANSLUMINANCE**
[72] RUTHVEN, PAUL J., US
[72] GRACYALNY, DALE T., US
[72] SCHULZ, GALYN A., US
[72] DEMILLE, JOHN R., US
[72] MOGGED, OTTO, III, US
[72] KRASZEWSKI, ALAN J., US
[72] WILLIAMS, ROBERT J., US
[72] ZAHN, HARLIE C., US
[72] DAUS, ROBERT R., US
[72] HANSEN, MARK D., US
[73] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
[86] (2749303)
[87] (2749303)
[22] 2002-12-17
[62] 2,414,668
[30] US (10/036,770) 2001-12-21
[30] US (10/236,993) 2002-09-05

---

[11] **2,749,564**
[13] C
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/70 (2006.01)**
[25] EN
[54] **UNIT ASSEMBLY FOR MULTIPLE FILM DOSAGES, APPARATUS, AND METHODS**
[54] **ENSEMBLE UNITAIRE POUR DOSAGES DE FILM MULTIPLES, DISPOSITIF ET PROCEDES**
[72] HARIHARAN, MADHUSUDAN, US
[72] FUISZ, RICHARD C., US
[73] MONOSOL RX, LLC, US
[85] 2011-07-13
[86] 2010-01-13 (PCT/US2010/020844)
[87] (WO2010/083183)
[30] US (61/144,222) 2009-01-13

---

[11] **2,750,662**
[13] C
[51] **Int.Cl. F04D 17/12 (2006.01) F04D 25/06 (2006.01) F04D 27/02 (2006.01) F04D 29/58 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN MULTI-STAGE CENTRIFUGAL COMPRESSORS**
[54] **AMELIORATIONS APPORTEES A DES COMPRESSEURS CENTRIFUGES MULTIETAGES**
[72] PEUSSA, JOUKO TAPANI, DE
[73] GARDNER DENVER DEUTSCHLAND GMBH, DE
[85] 2011-07-25
[86] 2009-12-23 (PCT/EP2009/009284)
[87] (WO2010/086009)
[30] GB (0901576.9) 2009-01-30

---

[11] **2,750,994**
[13] C
[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **COUPLING SYSTEM FOR COUPLING A WEAR ELEMENT TO AN ADAPTER FOR EXCAVATORS AND SIMILAR MACHINERY AND COMPONENTS THEREOF**
[54] **SYSTEME D'ACCOUPLEMENT ENTRE UN ELEMENT D'USURE ET ADAPTATEUR POUR DES MACHINES EXCAVATRICES ET ANALOGUES, ET COMPOSANTS DE CE SYSTEME**
[72] ROL CORREDOR, JAVIER, ES
[72] THOMSON, ANDREW JAMES, ES
[72] TUTO, JOAN, ES
[72] PEREZ SORIA, FRANCISCO, ES
[72] ALONSO FRIGOLA, ESTER, ES
[72] TRIGINER BOIXEDA, JORGE, ES
[72] JIMENEZ GARCIA, JAVIER, ES
[73] METALOGENIA, S.A., ES
[85] 2011-07-27
[86] 2010-02-05 (PCT/ES2010/000048)
[87] (WO2010/089432)
[30] ES (PCT/ES2009/000067) 2009-02-06

---

[11] **2,751,925**
[13] C
[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/0481 (2013.01) G06F 3/14 (2006.01) H04W 88/02 (2009.01) G06F 15/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING A DISPLAY**
[54] **PROCEDE ET APPAREIL SERVANT A CONTROLER UN AFFICHAGE**
[72] VUONG, THANH VINH, CA
[73] BLACKBERRY LIMITED, CA
[86] (2751925)
[87] (2751925)
[22] 2011-09-09
[30] EP (10176005.6) 2010-09-09

---

[11] **2,754,120**
[13] C
[51] **Int.Cl. H04L 12/16 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **ADHEAT ADVERTISEMENT MODEL FOR SOCIAL NETWORK**
[54] **MODELE DE PUBLICITE ADHEAT POUR RESEAU SOCIAL**
[72] ZHANG, DONG, CN
[72] CHANG, EDWARD Y., US
[73] GOOGLE INC., US
[85] 2011-09-01
[86] 2009-03-03 (PCT/CN2009/000222)
[87] (WO2010/099631)

---

[11] **2,756,019**
[13] C
[51] **Int.Cl. G01S 5/02 (2010.01)**
[25] EN
[54] **LOCATION DETECTION SYSTEM AND METHOD WITH FINGERPRINTING**
[54] **SYSTEME ET PROCEDE DE DETECTION D'EMPLACEMENT AVEC PRISE D'EMPREINTE**
[72] RUDLAND, PHILIP ANDREW, NL
[72] MAY, PETER STEPHEN, NL
[73] PHILIPS LIGHTING HOLDING B.V., NL
[85] 2011-09-20
[86] 2010-03-09 (PCT/IB2010/051010)
[87] (WO2010/109361)
[30] US (61/162,485) 2009-03-23

---

[11] **2,756,345**
[13] C
[51] **Int.Cl. B64C 1/16 (2006.01) B64D 27/08 (2006.01) B64D 27/14 (2006.01) B64D 27/26 (2006.01)**
[25] FR
[54] **REAR SECTION OF AN AIRCRAFT INCLUDING AN ENGINE MOUNTING STRUCTURE SWINGABLY MOUNTED ON THE FUSELAGE**
[54] **PARTIE ARRIERE D'AERONEF COMPRENANT UNE STRUCTURE DE SUPPORT DE MOTEURS MONTEE OSCILLANTE SUR LE FUSELAGE**
[72] LAFONT, LAURENT, FR
[72] SAUCRAY, JEAN MICHEL, FR
[72] QUIROZ-HERNANDEZ, ESTEBAN, FR
[72] ANTYPAS, JEROME, FR
[72] BONNET, MATHIEU, FR
[72] JOURNADE, FREDERIC, FR
[73] AIRBUS OPERATIONS, FR
[85] 2011-09-15
[86] 2010-03-29 (PCT/FR2010/050566)
[87] (WO2010/112742)
[30] FR (09 51959) 2009-03-30

---

[11] **2,757,563**
[13] C
[51] **Int.Cl. E04B 1/76 (2006.01) E04F 21/08 (2006.01)**
[25] EN
[54] **BUILDING AND METHOD OF CONSTRUCTING A BUILDING**
[54] **BATIMENT ET PROCEDE DE CONSTRUCTION D'UN BATIMENT**
[72] BEATTIE, RONALD PETER, GB
[73] BEATTIE PASSIVE GROUP PLC, GB
[85] 2011-10-03
[86] 2010-04-07 (PCT/GB2010/000700)
[87] (WO2010/116136)
[30] GB (0906278.7) 2009-04-09

---

[11] **2,757,628**
[13] C
[51] **Int.Cl. B23K 1/002 (2006.01) B23K 1/18 (2006.01) B23K 3/047 (2006.01) B23K 13/01 (2006.01) F16C 33/26 (2006.01) H05B 6/02 (2006.01)**
[25] EN
[54] **BRAZING METHOD AND APPARATUS THEREFOR USING INDUCTION HEATING**
[54] **PROCEDE ET APPAREIL DE BRASAGE UTILISANT UN CHAUFFAGE PAR INDUCTION**
[72] PETERSON, S. BARRETT, US
[72] SEXTON, TIMOTHY N., US
[72] SIMONS, CURTIS M., US
[72] CAMPBELL, TROY C., US
[73] US SYNTHETIC CORPORATION, US
[85] 2011-10-04
[86] 2010-04-14 (PCT/US2010/030968)
[87] (WO2010/120836)
[30] US (12/425,304) 2009-04-16

---

[11] **2,757,852**
[13] C
[51] **Int.Cl. B60C 23/04 (2006.01) G01M 17/02 (2006.01)**
[25] FR
[54] **METHOD FOR SYNCHRONISING MEASUREMENTS**
[54] **PROCEDE DE SYNCHRONISATION DE MESURES**
[72] MARTIN, DENIS, FR
[73] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[73] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2011-10-03
[86] 2010-04-14 (PCT/EP2010/054895)
[87] (WO2010/119066)
[30] FR (0952518) 2009-04-17

---

[11] **2,763,253**
[13] C
[51] **Int.Cl. F16L 35/00 (2006.01) F16L 55/115 (2006.01)**
[25] EN
[54] **END CAP FOR A HYDRAULIC FITTING**
[54] **EMBOUT POUR RACCORD HYDRAULIQUE**
[72] MOLLOY, GREGORY, US
[73] MOLLOY, GREGORY, US
[85] 2011-11-22
[86] 2009-06-19 (PCT/US2009/047914)
[87] (WO2009/158277)
[30] US (12/144,013) 2008-06-23

[11] **2,764,141**
[13] C
[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4709 (2006.01) A61K 31/4725 (2006.01) A61K 31/498 (2006.01) A61K 31/502 (2006.01) A61K 31/513 (2006.01) A61P 31/14 (2006.01) C07D 401/10 (2006.01) C07D 401/14 (2006.01)**
[25] EN
[54] **HETEROCYCLIC ANTIVIRAL COMPOUNDS**
[54] **COMPOSES ANTIVIRAUX HETEROCYCLIQUES**
[72] DE VICENTE FIDALGO, JAVIER, US
[72] LI, JIM, US
[72] SCHOENFELD, RYAN CRAIG, US
[72] TALAMAS, FRANCISCO XAVIER, US
[72] TAYGERLY, JOSHUA PAUL GERGELY, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2011-11-30
[86] 2010-06-08 (PCT/EP2010/057958)
[87] (WO2010/142656)
[30] US (61/185,460) 2009-06-09
[30] US (61/263,351) 2009-11-21

[11] **2,766,659**
[13] C
[51] **Int.Cl. H05B 41/36 (2006.01)**
[25] EN
[54] **TWO LIGHT LEVEL CONTROL CIRCUIT**
[54] **CIRCUIT DE COMMANDE A DEUX NIVEAUX D'ECLAIREMENT**
[72] ANISSIMOV, VIATCHESLAV, US
[73] OSRAM SYLVANIA INC., US
[86] (2766659)
[87] (2766659)
[22] 2012-02-01
[30] US (13/024,387) 2011-02-10

[11] **2,767,381**
[13] C
[51] **Int.Cl. B01D 53/52 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **SULFUR RECOVERY PLANT TAIL GAS TREATMENT PROCESS**
[54] **PROCEDE DE TRAITEMENT D'UN GAZ DE QUEUE D'UNE INSTALLATION DE RECUPERATION DE SOUFRE**
[72] IYENGAR, JAGANNATHAN N., US
[72] PERRY, DAVID, US
[72] FEDICH, ROBERT B., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2012-01-05
[86] 2010-07-01 (PCT/US2010/040713)
[87] (WO2011/005638)
[30] US (61/270,406) 2009-07-08

[11] **2,768,561**
[13] C
[51] **Int.Cl. F02M 17/20 (2006.01)**
[25] EN
[54] **CARBURETOR ARRANGEMENT**
[54] **DISPOSITIF DE CARBURATEUR**
[72] HERZER, BERNARDO J., US
[72] KOSTKA, DAVID, US
[73] HERZER, BERNARDO J., US
[85] 2012-01-18
[86] 2009-08-24 (PCT/US2009/004799)
[87] (WO2011/014149)
[30] US (12/462,310) 2009-07-31

[11] **2,771,840**
[13] C
[51] **Int.Cl. H04N 19/61 (2014.01) H04N 19/13 (2014.01)**
[25] EN
[54] **BINARIZATION OF DQP USING SEPARATE ABSOLUTE VALUE AND SIGN (SAVS) IN CABAC**
[54] **BINARISATION DE DQP AU MOYEN D'UNE VALEUR ABSOLUE DISTINCTE ET D'UN SIGNE (SAVS) EN CABAC**
[72] XU, JUN, US
[73] SONY CORPORATION, JP
[86] (2771840)
[87] (2771840)
[22] 2012-03-16
[30] US (61/497,281) 2011-06-15
[30] US (61/503,430) 2011-06-30
[30] US (13/345,320) 2012-01-06

[11] **2,772,015**
[13] C
[51] **Int.Cl. E05F 11/44 (2006.01) E05F 11/38 (2006.01)**
[25] EN
[54] **REGULATOR DEVICE FOR VEHICLE DOOR WINDOW PANE**
[54] **DISPOSITIF REGULATEUR POUR VITRE DE PORTE DE VEHICULE**
[72] FUJISAKI, TOMOYUKI, JP
[72] YONEMOTO, MASASHI, JP
[72] YAMAZAKI, MASAKO, JP
[73] SHIROKI CORPORATION, JP
[85] 2012-02-23
[86] 2010-07-30 (PCT/JP2010/062872)
[87] (WO2011/030630)
[30] JP (2009-207310) 2009-09-08

[11] **2,772,067**
[13] C
[51] **Int.Cl. A61K 9/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR DELIVERING INTERLEUKIN-1 RECEPTOR ANTAGONIST**
[54] **PROCEDES ET COMPOSITIONS D'ADMINISTRATION D'ANTAGONISTE DE RECEPTEUR D'INTERLEUKINE-1**
[72] HIGGINS, JOEL C., US
[72] WOODELL-MAY, JENNIFER E., US
[72] HOEPPNER, JACY, US
[73] BIOMET BIOLOGICS, LLC, US
[85] 2012-02-23
[86] 2010-08-26 (PCT/US2010/046821)
[87] (WO2011/031524)
[30] US (12/549,015) 2009-08-27

[11] **2,772,843**
[13] C
[51] **Int.Cl. H04W 4/24 (2009.01) H04W 12/10 (2009.01) G06Q 20/32 (2012.01) G06Q 20/40 (2012.01) H04B 5/00 (2006.01)**
[25] EN
[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE CONFIGURED TO AUTHORIZE TRANSACTION BASED UPON MOVEMENT SENSOR AND ASSOCIATED METHODS**
[54] **DISPOSITIF DE COMMUNICATION SANS FIL MOBILE CONFIGURE POUR AUTORISER DES TRANSACTIONS SELON UN CAPTEUR DE MOUVEMENT ET METHODES ASSOCIEES**
[72] CARBONELL DUQUE, SANTIAGO, CO
[72] HAGEDORN, J. DAVID, CA
[73] BLACKBERRY LIMITED, CA
[86] (2772843)
[87] (2772843)
[22] 2012-03-28
[30] EP (11160255.3) 2011-03-29

---

[11] **2,773,909**
[13] C
[51] **Int.Cl. B66B 1/24 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING AN ELEVATOR SYSTEM**
[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN SYSTEME D'ASCENSEUR**
[72] FINSCHI, LUKAS, CH
[72] ROELLIN, STEFAN, CH
[73] INVENTIO AG, CH
[85] 2012-03-12
[86] 2009-09-11 (PCT/EP2009/061805)
[87] (WO2011/029479)

---

[11] **2,774,507**
[13] C
[51] **Int.Cl. B21D 3/16 (2006.01) B23P 6/00 (2006.01) F01D 5/00 (2006.01)**
[25] FR
[54] **REPAIRING COMPRESSOR BLADES BY COLD COMPACTING**
[54] **REPARATION D'AUBES DE COMPRESSEUR EN TITANE PAR COMPRESSION A FROID**
[72] BERTOLI, VINCENZO, IT
[72] DE SANCTIS, SERGE, FR
[72] GIUSTI, STEPHANE RENE JULIEN, FR
[72] MONS, CLAUDE MARCEL, FR
[73] SNECMA, FR
[85] 2012-03-16
[86] 2010-09-28 (PCT/EP2010/064383)
[87] (WO2011/039197)
[30] FR (0956730) 2009-09-29

---

[11] **2,775,908**
[13] C
[51] **Int.Cl. A47L 25/08 (2006.01) A46B 7/04 (2006.01)**
[25] EN
[54] **FABRIC CARE DEVICE**
[54] **DISPOSITIF POUR L'ENTRETIEN DES TISSUS**
[72] COLE, KIM, CA
[73] COLE, KIM, CA
[85] 2012-03-29
[86] 2010-09-28 (PCT/CA2010/001545)
[87] (WO2011/038497)
[30] US (61/247,194) 2009-09-30

---

[11] **2,776,185**
[13] C
[51] **Int.Cl. H05B 37/02 (2006.01) H02H 3/08 (2006.01)**
[25] EN
[54] **MULTIPLE CHANNEL LIGHT SOURCE POWER SUPPLY WITH OUTPUT PROTECTION**
[54] **ALIMENTATION POUR SOURCE D'ECLAIRAGE MULTICANAL AVEC PROTECTION DE SORTIE**
[72] CHEN, KENG, US
[72] BREUER, CHRISTIAN, US
[72] XIAO, PENG, US
[73] OSRAM SYLVANIA INC., US
[86] (2776185)
[87] (2776185)
[22] 2012-05-08
[30] US (61/495,291) 2011-06-09
[30] US (61/537,562) 2011-09-21
[30] US (13/404,415) 2012-02-24
[30] US (13/448,890) 2012-04-17

---

[11] **2,776,499**
[13] C
[51] **Int.Cl. G06F 3/01 (2006.01)**
[25] EN
[54] **MULTI-MODAL USER INPUT DEVICE**
[54] **PERIPHERIQUE DE SAISIE MULTIMODAL POUR L'UTILISATEUR**
[72] BOS, JEFFREY CHARLES, CA
[72] LOS, OLEG, US
[73] BLACKBERRY LIMITED, CA
[86] (2776499)
[87] (2776499)
[22] 2012-05-08
[30] EP (11165348.1) 2011-05-09

---

[11] **2,778,973**
[13] C
[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **WEAR ASSEMBLY FOR EXCAVATING EQUIPMENT**
[54] **ENSEMBLE D'USURE POUR EQUIPEMENT D'EXCAVATION**
[72] SNYDER, CHRISTOPHER D., US
[73] ESCO CORPORATION, US
[85] 2012-04-25
[86] 2010-10-27 (PCT/US2010/054218)
[87] (WO2011/053624)
[30] US (61/256,561) 2009-10-30

---

[11] **2,779,024**
[13] C
[51] **Int.Cl. H01R 4/24 (2006.01) H01R 13/46 (2006.01) H02G 15/08 (2006.01)**
[25] EN
[54] **CONNECTOR, AND METHODS OF USE**
[54] **CONNECTEUR ET PROCEDES D'UTILISATION ASSOCIES**
[72] LOWNDS, CHARLES MICHAEL, US
[72] HAMBLEN, JAMES BLAIR, US
[73] ORICA EXPLOSIVES TECHNOLOGY PTY LTD, AU
[85] 2012-04-26
[86] 2010-10-29 (PCT/AU2010/001448)
[87] (WO2011/054031)
[30] US (61/257,572) 2009-11-03

[11] **2,779,914**
[13] C
[51] **Int.Cl. F24C 15/20 (2006.01) F24C 15/32 (2006.01)**
[25] EN
[54] **EXHAUST BAFFLE FOR KITCHEN APPLIANCE**
[54] **REFLECTEUR DE SILENCIEUX POUR APPAREIL DE CUISINE**
[72] ELKASEVIC, SUAD, US
[72] PENUEL, MICHAEL, US
[73] BSH HOME APPLIANCES CORPORATION, US
[86] (2779914)
[87] (2779914)
[22] 2012-06-14
[30] US (13/191,538) 2011-07-27

---

[11] **2,780,065**
[13] C
[51] **Int.Cl. D21H 27/02 (2006.01) D21F 11/14 (2006.01)**
[25] EN
[54] **FABRIC CREPE AND IN FABRIC DRYING PROCESS FOR PRODUCING ABSORBENT SHEET**
[54] **PROCEDE DE CREPAGE PAR TOILE ET DE SECHAGE DANS LA TOILE POUR LA FABRICATION D'UNE FEUILLE ABSORBANTE**
[72] MCCULLOUGH, STEPHEN J., US
[72] WENDT, GREG A., US
[72] EDWARDS, STEVEN L., US
[72] MURRAY, FRANK C., US
[72] SUPER, GUY H., US
[73] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
[86] (2780065)
[87] (2780065)
[22] 2005-04-19
[62] 2,559,343
[30] US (60/563,519) 2004-04-19
[30] US (11/108,458) 2005-04-18

---

[11] **2,781,349**
[13] C
[51] **Int.Cl. E21C 35/04 (2006.01) G01S 13/93 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR GENERATING AN INDICATION OF AN OBJECT WITHIN AN OPERATING AMBIT OF HEAVY LOADING EQUIPMENT**
[54] **METHODE ET APPAREIL POUR INDIQUER LA PRESENCE D'UN OBJET DANS UN MILIEU DE TRAVAIL UTILISANT DE L'EQUIPEMENT LOURD**
[72] TAFAZOLI BILANDI, SHAHRAM, CA
[72] NABAVI, NIMA, CA
[72] OHADI ESFAHANI, ARYA, CA
[72] BELL, IAN LAW, CA
[73] MOTION METRICS INTERNATIONAL CORP., CA
[86] (2781349)
[87] (2781349)
[22] 2012-06-26
[30] CA (2,744,561) 2011-06-27

---

[11] **2,781,354**
[13] C
[51] **Int.Cl. A45D 24/30 (2006.01)**
[25] EN
[54] **COMB FOR THE TREATMENT OF LICE**
[54] **PEIGNE POUR LE TRAITEMENT DE LA PEDICULOSE**
[72] SANZ, JUAN MARTIN, AR
[72] BURCHAKCHI, JORGE REINALDO, AR
[73] SANZ, JUAN MARTIN, AR
[73] BURCHAKCHI, JORGE REINALDO, AR
[85] 2012-05-18
[86] 2009-11-23 (PCT/ES2009/000541)
[87] (WO2011/061354)

---

[11] **2,781,542**
[13] C
[51] **Int.Cl. B29C 45/18 (2006.01)**
[25] EN
[54] **HOT-RUNNER SYSTEM HAVING MANIFOLD ASSEMBLY MANUFACTURED IN ACCORDANCE WITH FREE-FORM FABRICATION PROCESS**
[54] **SYSTEME A CANAUX CHAUFFES COMPRENANT UN ENSEMBLE DE COLLECTEUR FABRIQUE SELON UN PROCEDE DE FABRICATION A FORME LIBRE**
[72] JENKO, EDWARD JOSEPH, US
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2012-05-14
[86] 2010-10-21 (PCT/US2010/053518)
[87] (WO2011/071601)
[30] US (61/267,581) 2009-12-08

---

[11] **2,784,279**
[13] C
[51] **Int.Cl. C08L 75/04 (2006.01) C08L 23/00 (2006.01)**
[25] EN
[54] **HALOGEN-FREE FLAME RETARDANT COMPOSITIONS**
[54] **COMPOSITIONS IGNIFUGES EXEMPTES D'HALOGENE**
[72] CHEN, GIVEN JING, CN
[72] YAN, WILSON XIAO WEI, CN
[72] LI, BIN, CN
[72] LU, LAN, CN
[72] MA, WEIMING WAYNE, CN
[72] HUANG, LOTUS HUA, CN
[72] GUO, DAVID HONG FEI, CN
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2012-06-12
[86] 2009-12-18 (PCT/CN2009/075724)
[87] (WO2011/072458)

[11] **2,786,403**
[13] C
[51] **Int.Cl. D21F 2/00 (2006.01) A47K 10/16 (2006.01) D21F 3/00 (2006.01) D21H 19/14 (2006.01) D21H 23/52 (2006.01)**
[25] EN
[54] **IMPROVED MODIFYING AGENT FOR YANKEE COATINGS**
[54] **AGENT DE MODIFICATION AMELIORE POUR DES REVETEMENTS POUR CYLINDRES YANKEE**
[72] FURMAN, GARY S., US
[72] LI, XIAOJIN HARRY, US
[72] SU, WINSTON, US
[72] GRIGORIEV, VLADIMIR E., US
[73] NALCO COMPANY, US
[85] 2012-07-04
[86] 2011-01-05 (PCT/US2011/020213)
[87] (WO2011/084996)
[30] US (12/652,059) 2010-01-05

---

[11] **2,786,764**
[13] C
[51] **Int.Cl. A61K 31/198 (2006.01) A61P 13/12 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING AMINO ACIDS FOR PREVENTION AND/OR TREATMENT OF RENAL DISORDERS**
[54] **COMPOSITIONS COMPRENANT DES ACIDES AMINES POUR LA PREVENTION ET/OU LE TRAITEMENT DE TROUBLES RENAUX**
[72] DIOGUARDI, FRANCESCO SAVERIO, IT
[72] CONTI, FRANCO (DECEASED), IT
[73] DETERMINANTS OF METABOLISM RESEARCH LABORATORY S.R.L., IT
[85] 2012-07-11
[86] 2011-01-12 (PCT/IB2011/050132)
[87] (WO2011/086507)
[30] IT (TO2010A000012) 2010-01-12

---

[11] **2,788,322**
[13] C
[51] **Int.Cl. G02B 6/26 (2006.01) G02B 6/28 (2006.01) G02B 6/44 (2006.01) G02B 6/50 (2006.01) H02G 9/00 (2006.01) H02G 15/08 (2006.01)**
[25] EN
[54] **COUPLING MULTIPLE CONDUCTOR UNDERSEA OPTICAL CABLES TO AN UNDERSEA DEVICE WITH AN ISOLATED BYPASS CONDUCTIVE PATH ACROSS THE UNDERSEA DEVICE**
[54] **COUPLAGE DE CABLES OPTIQUES SOUS-MARINS A MULTIPLES CONDUCTEURS A UN DISPOSITIF SOUS-MARIN AVEC UN TRAJET CONDUCTEUR DE DERIVATION ISOLE A TRAVERS LE DISPOSITIF SOUS-MARIN**
[72] KORDAHI, MAURICE E., US
[72] STIX, ROBERT K., US
[72] FONG, TONY S., US
[72] MENDEZ, JEREMIAH A., US
[72] BERNSTEIN, STEVEN, US
[73] TYCO ELECTRONICS SUBSEA COMMUNICATIONS LLC, US
[85] 2012-07-26
[86] 2011-01-28 (PCT/US2011/022869)
[87] (WO2011/094501)
[30] US (12/697,540) 2010-02-01

---

[11] **2,788,843**
[13] C
[51] **Int.Cl. H04W 24/00 (2009.01) H04W 24/04 (2009.01)**
[25] EN
[54] **COMPUTATION OF CHANNEL STATE FEEDBACK IN SYSTEMS USING COMMON REFERENCE SIGNAL INTERFERENCE CANCELATION**
[54] **CALCUL DE RETOUR D'INFORMATIONS D'ETAT DE CANAL DANS SYSTEMES UTILISANT ANNULATION DE BROUILLAGE A SIGNAL DE REFERENCE COMMUN**
[72] DAMNJANOVIC, ALEKSANDAR, US
[72] YOO, TAESANG, US
[73] QUALCOMM INCORPORATED, US
[85] 2012-07-31
[86] 2011-02-18 (PCT/US2011/025498)
[87] (WO2011/103476)
[30] US (61/306,418) 2010-02-19
[30] US (13/023,432) 2011-02-08

---

[11] **2,789,252**
[13] C
[51] **Int.Cl. C12N 15/31 (2006.01) C12N 15/113 (2010.01) A61K 38/16 (2006.01) A61K 39/09 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07H 21/00 (2006.01) C07K 14/315 (2006.01) C07K 16/12 (2006.01) C07K 19/00 (2006.01) G01N 33/53 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **STREPTOCOCCUS PYOGENES ANTIGENS AND CORRESPONDING DNA FRAGMENTS**
[54] **ANTIGENES DE STREPTOCOCCUS PYOGENES ET FRAGMENTS D'ADN CORRESPONDANTS**
[72] MARTIN, DENIS, CA
[72] BRODEUR, BERNARD R., CA
[72] HAMEL, JOSEE, CA
[72] RIOUX, STEPHANE, CA
[72] RHEAULT, PATRICK, CA
[73] ID BIOMEDICAL CORPORATION OF QUEBEC, CA
[86] (2789252)
[87] (2789252)
[22] 2001-12-21
[62] 2,432,525
[30] US (60/256,940) 2000-12-21

---

[11] **2,789,659**
[13] C
[51] **Int.Cl. H04W 72/02 (2009.01) H04W 72/04 (2009.01) H04J 11/00 (2006.01)**
[25] EN
[54] **MOBILE STATION APPARATUS, COMMUNICATION METHOD, INTEGRATED CIRCUIT, RADIO COMMUNICATION SYSTEM, AND CONTROL PROGRAM**
[54] **APPAREIL DE STATION MOBILE, PROCEDE DE COMMUNICATION, CIRCUIT INTEGRE, SYSTEME DE COMMUNICATION SANS FIL ET PROGRAMME DE COMMANDE**
[72] NAKASHIMA, DAIICHIRO, JP
[72] SUZUKI, SHOICHI, JP
[72] OUCHI, WATARU, JP
[72] AIBA, TATSUSHI, JP
[73] SHARP KABUSHIKI KAISHA, JP
[85] 2012-08-10
[86] 2010-12-16 (PCT/JP2010/072662)
[87] (WO2011/099225)
[30] JP (2010-028715) 2010-02-12

[11] **2,792,752**
[13] C
[51] **Int.Cl. F16B 19/06 (2006.01) B21J 15/00 (2006.01) B21J 15/02 (2006.01) C21D 7/02 (2006.01) C22F 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING HIGHLY-DEFORMABLE TITANIUM AND TITANIUM-ALLOY ONE-PIECE FASTENERS AND FASTENERS PREPARED THEREBY**
[54] **METHODE DE PREPARATION DE FIXATIONS MONOPIECE EN TITANE ET ALLIAGE DE TITANE HAUTEMENT DEFORMABLES ET FIXATIONS AINSI FABRIQUEES**
[72] KEENER, STEVEN G., US
[73] THE BOEING COMPANY, US
[86] (2792752)
[87] (2792752)
[22] 2012-10-17
[30] US (13/299,228) 2011-11-17

[11] **2,794,303**
[13] C
[51] **Int.Cl. A61F 2/24 (2006.01) A61H 31/00 (2006.01)**
[25] EN
[54] **A DEVICE, A KIT AND A METHOD FOR HEART SUPPORT**
[54] **UN DISPOSITIF, UNE TROUSSE ET UNE METHODE DESTINES AU SOUTIEN CARDIAQUE**
[72] SOLEM, JAN-OTTO, CH
[73] SYNERGIO AG, CH
[85] 2012-09-21
[86] 2011-03-25 (PCT/SE2011/050337)
[87] (WO2011/119100)
[30] US (61/317,619) 2010-03-25
[30] SE (1050282-1) 2010-03-25

[11] **2,795,272**
[13] C
[51] **Int.Cl. H04L 12/437 (2006.01) H04B 7/26 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **WIRELESS TRANSMISSION APPARATUS AND SELF-CHECKING METHOD OF WIRELESS TRANSMISSION APPARATUS**
[54] **DISPOSITIF DE TRANSMISSION SANS FIL ET SON PROCEDE D'AUTOCONTROLE**
[72] YU, GUOBIN, CN
[72] LIN, HONGYONG, CN
[72] WANG, YICAI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2012-10-02
[86] 2011-03-23 (PCT/CN2011/072083)
[87] (WO2011/110111)
[30] CN (201010254178.0) 2010-08-16

[11] **2,798,622**
[13] C
[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/496 (2006.01) A61K 31/4995 (2006.01) A61K 31/5377 (2006.01) A61K 31/69 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01) C07D 487/02 (2006.01)**
[25] EN
[54] **INDOLES**
[54] **INDOLES**
[72] BRACKLEY, JAMES, US
[72] BURGESS, JOELLE LORRAINE, US
[72] GRANT, SETH, US
[72] JOHNSON, NEIL, US
[72] KNIGHT, STEVEN D., US
[72] LAFRANCE, LOUIS, US
[72] MILLER, WILLIAM H., US
[72] NEWLANDER, KENNETH, US
[72] ROMERIL, STUART, US
[72] ROUSE, MEAGAN B., US
[72] TIAN, XINRONG, US
[72] VERMA, SHARAD KUMAR, US
[73] GLAXOSMITHKLINE LLC, US
[85] 2012-11-06
[86] 2011-05-05 (PCT/US2011/035336)
[87] (WO2011/140324)
[30] US (61/332,309) 2010-05-07

[11] **2,800,196**
[13] C
[51] **Int.Cl. E05D 15/58 (2006.01) E05D 15/06 (2006.01) E06B 3/50 (2006.01)**
[25] EN
[54] **WINDBREAK SYSTEM**
[54] **SYSTEME PARE-VENT**
[72] ONA GONZALEZ, FRANCISCO, ES
[72] PEREZ FALCON, JORGE LUIS, ES
[73] ALLGLASS CONFORT SYSTEMS S.L., ES
[85] 2012-11-21
[86] 2010-04-28 (PCT/ES2010/000187)
[87] (WO2010/136615)
[30] ES (P200901275) 2009-05-25

[11] **2,800,307**
[13] C
[25] EN
[54] **ENDODONTIC ROTARY INSTRUMENTS MADE OF SHAPE MEMORY ALLOYS IN THEIR MARTENSITIC STATE AND MANUFACTURING METHODS THEREOF**
[54] **INSTRUMENTS ROTATIFS ENDODONTIQUES CONSTITUES D'ALLIAGES A MEMOIRE DE FORME DANS LEUR ETAT MARTENSITE, ET LEURS PROCEDES DE FABRICATION**
[72] GAO, YONG, US
[72] MAXWELL, RANDALL, US
[73] DENTSPLY INTERNATIONAL INC., US
[85] 2012-11-09
[86] 2011-05-06 (PCT/US2011/035535)
[87] (WO2011/143063)
[30] US (61/332,954) 2010-05-10

[11] **2,802,236**
[13] C
[51] **Int.Cl. H01R 13/44 (2006.01) H01R 35/04 (2006.01)**
[25] EN
[54] **RETRACTABLE POWER TAP WITH LOW VOLTAGE CORDLESS CAPABILITY**
[54] **PRISE ELECTRIQUE RETRACTABLE A CAPACITE DE FAIBLE TENSION SANS FIL**
[72] BYRNE, NORMAN R., US
[72] PATE, RANDELL, ERNEST, US
[72] WARWICK, TIMOTHY, JOHN, US
[72] SULTANA, VICTOR, ALEXANDER, US
[73] BYRNE, NORMAN R., US
[85] 2012-12-10
[86] 2011-06-13 (PCT/US2011/040207)
[87] (WO2011/156814)
[30] US (61/354,055) 2010-06-11

---

[11] **2,805,473**
[13] C
[51] **Int.Cl. B31F 1/07 (2006.01) B31F 1/24 (2006.01)**
[25] EN
[54] **ENHANCED FLEXIBLE MATERIAL AND ARTICLES FORMED THEREFROM**
[54] **MATERIAU FLEXIBLE AMELIORE ET ARTICLES FORMES A PARTIR DE CE MATERIAU**
[72] BROERING, SHAUN T., US
[72] MCAFFRY, KAREN D., US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-01-14
[86] 2011-07-12 (PCT/US2011/043700)
[87] (WO2012/009349)
[30] US (61/363,336) 2010-07-12

---

[11] **2,806,875**
[13] C
[51] **Int.Cl. H01B 7/29 (2006.01) H01B 11/02 (2006.01)**
[25] EN
[54] **ZERO HALOGEN CABLE**
[54] **CABLE SANS HALOGENE**
[72] BROWN, SCOTT M., US
[72] MCLINN, MATTHEW S., US
[72] GOULD, ROB S., US
[72] MILLER, SHAUN, US
[72] CHAMBERLAIN, RICHARD, US
[72] ALBRINCK, ALICE C., US
[73] GENERAL CABLE TECHNOLOGIES CORPORATION, US
[85] 2013-01-28
[86] 2011-07-19 (PCT/US2011/044529)
[87] (WO2012/018522)
[30] US (61/370,002) 2010-08-02
[30] US (13/184,964) 2011-07-18

---

[11] **2,808,275**
[13] C
[51] **Int.Cl. H04L 12/16 (2006.01) H04W 4/00 (2009.01) G06F 3/01 (2006.01) G06F 9/44 (2006.01) H04L 29/02 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **DISTRIBUTED COMPUTING SERVICES PLATFORM**
[54] **PLATE-FORME DE SERVICES INFORMATIQUES DISTRIBUEE**
[72] BELFIORE, JOSEPH D., US
[72] CAMPBELL, DAVID G., US
[72] CAPPS, STEVE, US
[72] CELLINI, STEVEN M., US
[72] GUNDOTRA, VIVEK, US
[72] LUCOVSKY, MARK H., US
[72] MARITZ, PAUL A., US
[72] MITAL, AMIT, US
[72] RUDDER, ERIC D., US
[72] SHORT, KEITH W., US
[72] SINGH, KAVIRAJ, US
[72] SPIRO, PETER M., US
[72] TROWER, TANDY W., US
[72] VASKEVITCH, DAVID, US
[72] FITZGERALD, CHARLES T., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[86] (2808275)
[87] (2808275)
[22] 2001-06-22
[62] 2,409,920
[30] US (60/213,562) 2000-06-22
[30] US (09/887,847) 2001-06-22

---

[11] **2,809,581**
[13] C
[51] **Int.Cl. G02B 21/36 (2006.01) A61B 5/1455 (2006.01) G01J 3/443 (2006.01) H04N 5/335 (2011.01)**
[25] EN
[54] **MICROSCOPY IMAGING DEVICE WITH ADVANCED IMAGING PROPERTIES**
[54] **DISPOSITIF D'IMAGERIE MICROSCOPIQUE POSSEDANT DES PROPRIETES D'IMAGERIE AVANCEES**
[72] GHOSH, KUNAL, US
[72] BURNS, LAURIE, US
[72] EL GAMAL, ABBAS, US
[72] SCHNITZER, MARK J., US
[72] COCKER, ERIC, US
[72] HO, TATT WEI, US
[73] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2013-02-26
[86] 2011-08-25 (PCT/US2011/049180)
[87] (WO2012/027586)
[30] US (61/377,591) 2010-08-27

---

[11] **2,809,660**
[13] C
[51] **Int.Cl. G01V 8/16 (2006.01) E21B 41/00 (2006.01) G01N 21/84 (2006.01) G01V 8/00 (2006.01)**
[25] EN
[54] **DISTRIBUTED FIBER OPTIC SENSOR SYSTEM WITH IMPROVED LINEARITY**
[54] **SYSTEME CAPTEUR A FIBRE OPTIQUE REPARTI DOTE D'UNE MEILLEURE LINEARITE**
[72] HARTOG, ARTHUR, GB
[72] KADER, KAMAL, JP
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2013-02-26
[86] 2011-08-30 (PCT/US2011/049720)
[87] (WO2012/030814)
[30] US (61/379,192) 2010-09-01

[11] **2,809,739**
[13] C
[51] **Int.Cl. C07D 221/28 (2006.01) A61K 31/4748 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **MORPHINAN COMPOUNDS**
[54] **COMPOSES DE MORPHINANE**
[72] TUNG, ROGER, US
[73] CONCERT PHARMACEUTICALS INC., US
[86] (2809739)
[87] (2809739)
[22] 2008-04-30
[62] 2,685,723
[30] US (60/915,130) 2007-05-01
[30] US (60/916,662) 2007-05-08
[30] US (60/976,044) 2007-09-28

---

[11] **2,810,329**
[13] C
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/285 (2006.01) A61B 17/295 (2006.01)**
[25] EN
[54] **SURGICAL STAPLING AND CUTTING DEVICE AND METHOD FOR USING THE DEVICE**
[54] **DISPOSITIF CHIRURGICAL D'AGRAFAGE ET DE COUPE, PROCEDE D'UTILISATION DUDIT DISPOSITIF**
[72] SMITH, KEVIN W., US
[72] PALMER, MATTHEW A., US
[72] KLINE, KOREY ROBERT, US
[72] DEVILLE, DEREK DEE, US
[73] ETHICON ENDO-SURGERY, INC., US
[86] (2810329)
[87] (2810329)
[22] 2006-07-25
[62] 2,680,860
[30] US (60/702,643) 2005-07-26
[30] US (60/760,000) 2006-01-18
[30] US (60/811,950) 2006-06-08
[30] US (11/491,626) 2006-07-24

---

[11] **2,813,070**
[13] C
[51] **Int.Cl. C25D 9/10 (2006.01) B32B 9/00 (2006.01) C23C 26/00 (2006.01)**
[25] EN
[54] **COLD ROLLED STEEL SHEET**
[54] **TOLE D'ACIER LAMINE A FROID**
[72] HOSHINO, KATSUYA, JP
[72] OOTSUKA, SHINJI, JP
[72] YANO, TAKAYOSHI, JP
[73] JFE STEEL CORPORATION, JP
[85] 2013-03-27
[86] 2011-09-28 (PCT/JP2011/072153)
[87] (WO2012/043610)
[30] JP (2010-217991) 2010-09-29

---

[11] **2,816,966**
[13] C
[51] **Int.Cl. F28D 1/06 (2006.01) B65D 88/74 (2006.01) F02M 31/10 (2006.01) F28F 9/007 (2006.01)**
[25] EN
[54] **HEAT-EXCHANGE APPARATUS FOR INSERTION INTO A STORAGE TANK, AND MOUNTING COMPONENTS THEREFOR**
[54] **APPAREIL D'ECHANGE THERMIQUE POUR INSERTION DANS UNE CITERNE DE STOCKAGE ET ELEMENTS DE MONTAGE CONNEXES**
[72] ARNOT, ROGER, CA
[73] ARNOT, ROGER, CA
[86] (2816966)
[87] (2816966)
[22] 2010-07-05
[62] 2,706,817

---

[11] **2,817,033**
[13] C
[51] **Int.Cl. G01C 15/00 (2006.01)**
[25] EN
[54] **ROTATING LASER**
[54] **LASER ROTATIF**
[72] MOLLER, BERND, CH
[73] LEICA GEOSYSTEMS AG, CH
[85] 2013-05-06
[86] 2011-11-24 (PCT/EP2011/070927)
[87] (WO2012/069582)
[30] EP (10192628.5) 2010-11-25

---

[11] **2,818,584**
[13] C
[51] **Int.Cl. C08B 37/00 (2006.01) A61K 31/00 (2006.01) C08J 3/075 (2006.01)**
[25] EN
[54] **GLUCANS**
[54] **GLUCANES**
[72] ENGSTAD, ROLF, NO
[72] NOKLAND, THOR, NO
[73] BIOTEC PHARMACON ASA, NO
[85] 2013-05-21
[86] 2011-11-29 (PCT/GB2011/052357)
[87] (WO2012/073018)
[30] GB (1020190.3) 2010-11-29

---

[11] **2,818,648**
[13] C
[51] **Int.Cl. C08B 37/00 (2006.01) A61K 31/00 (2006.01) C08J 3/075 (2006.01)**
[25] EN
[54] **GLUCAN GELS**
[54] **GELS DE GLUCANE**
[72] ENGSTAD, ROLF, NO
[72] SOLEM, STEIN-TORE, NO
[72] RAMSOY, DAG-EIRIK, NO
[73] BIOTEC PHARMACON ASA, NO
[85] 2013-05-21
[86] 2011-11-29 (PCT/GB2011/052358)
[87] (WO2012/073019)
[30] GB (1020191.1) 2010-11-29

---

[11] **2,818,650**
[13] C
[51] **Int.Cl. C08B 37/00 (2006.01) A61K 31/00 (2006.01) C08J 3/075 (2006.01) C08L 1/02 (2006.01) C08L 5/02 (2006.01) C08L 5/08 (2006.01) C08L 5/16 (2006.01)**
[25] EN
[54] **GLUCAN COMPOSITIONS**
[54] **COMPOSITIONS DE GLUCANE**
[72] ENGSTAD, ROLF, NO
[72] RAMSOY, DAG-EIRIK, NO
[72] STEENE, ERIK, NO
[73] BIOTEC PHARMACON ASA, NO
[85] 2013-05-21
[86] 2011-11-29 (PCT/GB2011/052359)
[87] (WO2012/073020)
[30] GB (1020193.7) 2010-11-29

[11] **2,818,943**
[13] C
[51] **Int.Cl. C12M 1/34 (2006.01)**
[25] EN
[54] **PH SENSOR INTEGRATION TO SINGLE USE BIOREACTOR/MIXER**
[54] **INTEGRATION D'UN CAPTEUR DE PH A UN BIOREACTEUR/MELANGEUR A USAGE UNIQUE**
[72] FENG, CHANG-DONG, US
[72] BENTON, BARRY W., US
[72] ANDERSON, DAVE, US
[72] YANG, FONG S., US
[72] WOOD, WAYNE B., US
[73] ROSEMOUNT ANALYTICAL, INC., US
[85] 2013-05-23
[86] 2011-12-15 (PCT/US2011/065033)
[87] (WO2012/082974)
[30] US (61/424,246) 2010-12-17

---

[11] **2,819,909**
[13] C
[51] **Int.Cl. F16J 15/00 (2006.01) F16J 15/28 (2006.01) F16J 15/56 (2006.01)**
[25] EN
[54] **SEAL ARRANGEMENT FOR A PISTON ROD**
[54] **ENSEMBLE D'ETANCHEITE POUR UNE TIGE DE PISTON**
[72] FICHT, REINHOLD, DE
[73] GEIST, BERTWIN R., DE
[85] 2013-06-03
[86] 2011-09-21 (PCT/EP2011/066466)
[87] (WO2012/072295)
[30] DE (10 2010 053 271.1) 2010-12-02

---

[11] **2,820,372**
[13] C
[51] **Int.Cl. B01J 35/04 (2006.01) B01D 53/52 (2006.01) B01D 53/86 (2006.01) C01B 17/027 (2006.01)**
[25] EN
[54] **A REACTOR, A RETAINED CATALYST STRUCTURE, AND A METHOD FOR IMPROVING DECOMPOSITION OF POLYSULFIDES AND REMOVAL OF HYDROGEN SULFIDE IN LIQUID SULFUR**
[54] **REACTEUR, STRUCTURE CATALYTIQUE FIXEE ET PROCEDE PERMETTANT D'AMELIORER LA DECOMPOSITION DES POLYSULFURES ET L'ELIMINATION DU SULFURE D'HYDROGENE DANS DU SOUFRE LIQUIDE**
[72] PAREKH, UDAY NAVIN, US
[72] FENDERSON, STEPHEN NEAL, US
[72] GARG, DIWAKAR, US
[72] NASATO, GUGLIEIMO, CA
[73] FLUOR TECHNOLOGIES CORPORATION, US
[85] 2013-06-05
[86] 2011-12-06 (PCT/US2011/063580)
[87] (WO2012/078663)
[30] US (12/962,712) 2010-12-08

---

[11] **2,820,560**
[13] C
[51] **Int.Cl. E04H 15/60 (2006.01) E04H 15/48 (2006.01)**
[25] EN
[54] **RETRACTABLE POLE ASSEMBLY FOR A FOLDABLE TENT**
[54] **ENSEMBLE POTEAU RETRACTABLE POUR TENTE PLIABLE**
[72] JIN, KI HO, CN
[73] JIN, KI HO, CN
[86] (2820560)
[87] (2820560)
[22] 2013-07-09
[30] CN (201320027238.4) 2013-01-18
[30] US (13/909,256) 2013-06-04

---

[11] **2,822,180**
[13] C
[51] **Int.Cl. G01C 15/00 (2006.01)**
[25] EN
[54] **MEASURING APPLIANCE COMPRISING A DYNAMIC SIGHTING FUNCTIONALITY AND ASSOCIATED METHOD**
[54] **APPAREIL DE MESURE AYANT UNE FONCTIONNALITE DE CIBLAGE DYNAMIQUE ET PROCEDE ASSOCIE**
[72] SCHORR, CHRISTIAN, CH
[72] SCHROEDER, FRANK, CH
[73] LEICA GEOSYSTEMS AG, CH
[85] 2013-06-18
[86] 2012-01-10 (PCT/EP2012/050300)
[87] (WO2012/095415)
[30] EP (11150580.6) 2011-01-11

---

[11] **2,823,074**
[13] C
[51] **Int.Cl. H04N 21/436 (2011.01) H04N 21/433 (2011.01) H04N 21/458 (2011.01)**
[25] EN
[54] **DISTRIBUTED RECORDING OF CONTENT**
[54] **ENREGISTREMENT DISTRIBUE D'UN CONTENU**
[72] SARAF, SOMESH, IN
[72] RAJAN, RAKESH, IN
[73] GOOGLE TECHNOLOGY HOLDINGS LLC, US
[85] 2013-06-25
[86] 2011-12-28 (PCT/US2011/067460)
[87] (WO2012/092311)
[30] US (12/982,935) 2010-12-31

[11] **2,823,145**
[13] C
[51] **Int.Cl. H04W 48/12 (2009.01) H04W 16/28 (2009.01) H04W 28/06 (2009.01) H04W 88/02 (2009.01) H04J 11/00 (2006.01)**
[25] EN
[54] **RADIO BASE STATION APPARATUS, MOBILE TERMINAL APPARATUS AND RADIO COMMUNICATION METHOD**
[54] **DISPOSITIF DE STATION DE BASE SANS FIL, DISPOSITIF DE TERMINAL MOBILE, ET PROCEDE DE COMMUNICATION SANS FIL**
[72] NAGATA, SATOSHI, JP
[72] ABE, TETSUSHI, JP
[73] NTT DOCOMO, INC., JP
[85] 2013-06-26
[86] 2011-12-09 (PCT/JP2011/078580)
[87] (WO2012/093554)
[30] JP (2011-001419) 2011-01-06

---

[11] **2,823,878**
[13] C
[51] **Int.Cl. C07F 9/08 (2006.01) B01D 21/01 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **PHOSPHORIC ACID PRODUCTION GYPSUM FILTRATION FLOCCULANT PRE-DILUTION (MAKE DOWN) WITH POST-FILTRATION PHOSPHORIC ACID**
[54] **PRE-DILUTION D'UN FLOCULANT DE FILTRATION DE GYPSE POUR LA PRODUCTION D'ACIDE PHOSPHORIQUE AVEC POST-FILTRATION DE L'ACIDE PHOSPHORIQUE**
[72] DAVIS, RONALD V., US
[72] MOSS, WAYNE L., US
[72] STROMINGER, MICHAEL G., US
[72] RENZELLO, RANDON, US
[72] FAIGL, THOMAS A., US
[72] HAY, DANIEL N. T., US
[73] NALCO COMPANY, US
[85] 2013-07-04
[86] 2012-01-03 (PCT/US2012/020033)
[87] (WO2012/094286)
[30] US (12/984,331) 2011-01-04

---

[11] **2,826,447**
[13] C
[51] **Int.Cl. A61F 9/008 (2006.01) A61F 2/14 (2006.01)**
[25] EN
[54] **APPARATUS FOR ASSISTANCE IN THE IMPLANTATION OF A CORNEAL PROSTHESIS IN A HUMAN EYE**
[54] **APPAREIL DESTINE A AIDER A LA MISE EN PLACE DE PROTHESE CORNEENNE DANS UN OEIL HUMAIN**
[72] KRAUSE, JOHANNES, DE
[72] WOELFEL, MATHIAS, DE
[73] WAVELIGHT GMBH, DE
[85] 2013-08-02
[86] 2011-02-15 (PCT/EP2011/000708)
[87] (WO2012/110048)

---

[11] **2,826,729**
[13] C
[51] **Int.Cl. E01B 11/00 (2006.01)**
[25] EN
[54] **RAIL SYSTEM FOR A FREIGHT TRANSPORTATION SYSTEM**
[54] **SYSTEME FERROVIAIRE POUR UN SYSTEME DE TRANSPORT DE MARCHANDISES**
[72] ROOP, STEPHEN S., US
[72] ROCO, CRAIG, US
[72] OLSON, LESLIE E., US
[72] MORGAN, CURTIS A., US
[73] THE TEXAS A&M UNIVERSITY SYSTEM, US
[86] (2826729)
[87] (2826729)
[22] 2005-05-24
[62] 2,571,479
[30] US (10/875,021) 2004-06-22

---

[11] **2,826,795**
[13] C
[51] **Int.Cl. H04M 3/42 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF TRIGGERING AND EXECUTING ACTIVE CONTENT ON A RECIPIENT DEVICE**
[54] **SYSTEME ET PROCEDE DE DECLENCHEMENT ET D'EXECUTION D'UN CONTENU ACTIF SUR UN DISPOSITIF DESTINATAIRE**
[72] IBASCO, ALEX D., PH
[72] JOSON, EDUARDO RAMON G., PH
[72] YU, WILLIAM EMMANUEL S., PH
[73] EINNOVATIONS HOLDINGS PTE. LTD., SG
[85] 2013-08-07
[86] 2012-02-03 (PCT/SG2012/000030)
[87] (WO2012/108838)
[30] SG (201100953-7) 2011-02-10

---

[11] **2,827,611**
[13] C
[51] **Int.Cl. G11B 27/28 (2006.01) G06F 17/30 (2006.01) G06K 9/00 (2006.01) G11B 27/30 (2006.01)**
[25] EN
[54] **FACIAL DETECTION, RECOGNITION AND BOOKMARKING IN VIDEOS**
[54] **DETECTION FACIALE, RECONNAISSANCE ET MISE EN SIGNET DANS DES VIDEOS**
[72] STEINER, MATTHEW S., US
[73] GOOGLE INC., US
[85] 2013-08-16
[86] 2012-02-13 (PCT/US2012/024920)
[87] (WO2012/112464)
[30] US (61/444,513) 2011-02-18

[11] **2,827,961**
[13] C
[51] **Int.Cl. E21B 33/038 (2006.01)**
[25] EN
[54] **LASER ASSISTED SYSTEM FOR CONTROLLING DEEP WATER DRILLING EMERGENCY SITUATIONS**
[54] **SYSTEME ASSISTE PAR LASER POUR CONTROLER DES SITUATIONS D'URGENCE DE FORAGE EN FOND SOUS-MARIN**
[72] ZEDIKER, MARK S., US
[73] FORO ENERGY, INC., US
[73] CHEVRON U.S.A. INC., US
[85] 2013-08-21
[86] 2012-02-24 (PCT/US2012/026494)
[87] (WO2012/148546)
[30] US (13/034,037) 2011-02-24

---

[11] **2,828,190**
[13] C
[51] **Int.Cl. C08L 67/04 (2006.01) B65D 65/46 (2006.01)**
[25] EN
[54] **BIODEGRADABLE POLYMER BLEND**
[54] **MELANGE DE POLYMERES BIODEGRADABLE**
[72] BAILEY, PETER BRADBY SPIROS, GB
[72] HODZIC, ALMA, GB
[72] HAYES, SIMON ANTONY, GB
[73] FLOREON-TRANSFORMING PACKAGING LIMITED, GB
[85] 2013-08-23
[86] 2012-03-09 (PCT/GB2012/050525)
[87] (WO2012/120309)
[30] GB (1104018.5) 2011-03-09

---

[11] **2,828,650**
[13] C
[51] **Int.Cl. C11D 1/65 (2006.01) C11D 3/20 (2006.01) C11D 3/37 (2006.01)**
[25] EN
[54] **DISHWASHING METHOD**
[54] **PROCEDE DE LAVAGE DE VAISSELLE**
[72] PEREZ-PRAT VINUESA, EVA MARIA, BE
[72] WHITELY, NATHAN RAY, US
[72] ASMANIDOU, ANNA, BE
[72] CHEN, QING, CN
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[72] VAN LAERE, AN, BE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-08-29
[86] 2011-03-03 (PCT/CN2011/000342)
[87] (WO2012/116471)

---

[11] **2,830,338**
[13] C
[51] **Int.Cl. C07K 16/30 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTIBODY-DRUG CONJUGATES**
[54] **CONJUGUES ANTICORPS-MEDICAMENT**
[72] GERBER, HANS-PETER, US
[72] DIJOSEPH, JOHN FRANCIS, US
[72] KHANDKE, KIRAN MANOHAR, US
[72] MARQUETTE, KIMBERLY ANN, US
[72] SAPRA, PUJA, US
[72] TCHISTIAKOVA, LIOUDMILA GENNADIEVNA, US
[73] WYETH LLC, US
[85] 2013-09-16
[86] 2012-03-19 (PCT/IB2012/051304)
[87] (WO2012/131527)
[30] US (61/470,576) 2011-04-01
[30] US (61/593,549) 2012-02-01
[30] US (61/602,349) 2012-02-23

---

[11] **2,831,956**
[13] C
[51] **Int.Cl. E02D 35/00 (2006.01) C09K 17/30 (2006.01) E02D 3/12 (2006.01) E02D 19/16 (2006.01) E02D 27/34 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING SOIL**
[54] **PROCEDE DE TRAITEMENT DU SOL**
[72] KUCHEL, MARK ANTHONY, AU
[73] KUCHEL, MARK ANTHONY, AU
[85] 2013-10-01
[86] 2011-04-12 (PCT/AU2011/000421)
[87] (WO2011/127528)
[30] AU (2010901539) 2010-04-12

---

[11] **2,832,548**
[13] C
[51] **Int.Cl. H01L 41/047 (2006.01) B06B 1/06 (2006.01) E21B 47/00 (2012.01) H01L 41/22 (2013.01)**
[25] EN
[54] **ELECTRICAL CONTACTS TO A RING TRANSDUCER**
[54] **CONTACTS ELECTRIQUES POUR UN TRANSDUCTEUR ANNULAIRE**
[72] MAKI, VOLDI E., JR., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-10-07
[86] 2011-04-11 (PCT/US2011/031972)
[87] (WO2012/141683)

---

[11] **2,833,072**
[13] C
[51] **Int.Cl. G01S 19/42 (2010.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR POSITION DETERMINATION WITH HYBRID SPS ORBIT DATA**
[54] **PROCEDE ET APPAREIL POUR LA DETERMINATION DE POSITION AVEC DES DONNEES D'ORBITE SPS HYBRIDES**
[72] BIACS, ZOLTAN F., US
[72] SHEYNBLAT, LEONID, US
[72] GUM, ARNOLD JASON, US
[73] QUALCOMM INCORPORATED, US
[86] (2833072)
[87] (2833072)
[22] 2009-04-15
[62] 2,718,988
[30] US (61/045,221) 2008-04-15
[30] US (12/365,657) 2009-02-04

[11] **2,833,335**
[13] C
[51] **Int.Cl. A61K 38/48 (2006.01) C12N 9/52 (2006.01)**
[25] EN
[54] **A METHOD OF PEPTIDE HYDROLYSIS, PEPTIDASE, THE COMPOSITION FOR USE AS A BACTERIOSTATIC AND BACTERICIDAL AGENT, A KIT AND THE USES OF THE ACTIVE FORM OF LYTM FROM S. AUREUS OR DERIVATIVES THEREOF**
[54] **PROCEDE D'HYDROLYSE PEPTIDIQUE, PEPTIDASE, COMPOSITION DESTINEE A ETRE UTILISEE EN TANT QU'AGENT BACTERIOSTATIQUE ET BACTERICIDE, KIT ET UTILISATIONS DE LA FORME ACTIVE DE LYTM DES. AUREUS OU SES DERIVES**
[72] SABALA IZABELA, PL
[72] BOCHTLER, MATTHIAS, PL
[73] MIEDZYNARODOWY INSTYTUT BIOLOGII MOLEKULARNEJ I KOMORKOWEJ, PL
[85] 2013-10-16
[86] 2012-04-18 (PCT/PL2012/000026)
[87] (WO2012/144912)
[30] PL (P.394619) 2011-04-19

---

[11] **2,833,511**
[13] C
[51] **Int.Cl. H04L 7/00 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **DATA SYNCHRONIZATION PROTOCOL**
[54] **PROTOCOLE DE SYNCHRONISATION DE DONNEES**
[72] MCCARTHY, BRENDAN A., US
[72] GUENTHER, CARSTEN, US
[73] APPLE INC., US
[86] (2833511)
[87] (2833511)
[22] 2009-03-03
[62] 2,717,535
[30] US (12/042,283) 2008-03-04

---

[11] **2,834,270**
[13] C
[51] **Int.Cl. H04J 11/00 (2006.01) H04L 1/06 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS OF WIRELESS COMMUNICATION WITH REMOTE RADIO HEADS**
[54] **PROCEDES ET SYSTEMES DE COMMUNICATION SANS FIL AU MOYEN DE TETES RADIO DE PORTEES (REMOTE RADIO HEADS)**
[72] GAO, SHIWEI, CA
[72] XU, HUA, CA
[72] GUO, SHIGUANG, CA
[72] SMITH, JACK ANTHONY, US
[72] JIA, YONGKANG, CA
[72] EBRAHIMI TAZEH MAHALLEH, MASOUD, CA
[72] YU, DONGSHENG, CA
[72] HARRISON, ROBERT MARK, US
[73] BLACKBERRY LIMITED, CA
[85] 2013-10-24
[86] 2012-04-20 (PCT/US2012/034524)
[87] (WO2012/151064)
[30] US (13/099,104) 2011-05-02
[30] US (61/556,118) 2011-11-04

---

[11] **2,835,306**
[13] C
[51] **Int.Cl. G01B 21/20 (2006.01) G01B 11/24 (2006.01)**
[25] EN
[54] **SENSOR POSITIONING FOR 3D SCANNING**
[54] **POSITIONNEMENT DE CAPTEUR POUR UN BALAYAGE TRIDIMENSIONNEL (3D)**
[72] HEBERT, PATRICK, CA
[72] DRAGAN, TUBIC, CA
[72] GIGNAC, OLIVIER, CA
[72] SAINT-PIERRE, ERIC, CA
[72] ROCHETTE, FELIX, CA
[72] CARETTE, ALEXANDRE, CA
[73] CREAFORM INC., CA
[85] 2013-11-06
[86] 2012-06-07 (PCT/IB2012/052889)
[87] (WO2012/168904)
[30] US (61/494,075) 2011-06-07

---

[11] **2,835,681**
[13] C
[51] **Int.Cl. G01N 27/83 (2006.01)**
[25] EN
[54] **MAGNETIC INSPECTION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE D'INSPECTION MAGNETIQUE**
[72] WEISCHEDEL, HERBERT R., US
[73] NDT TECHNOLOGIES, US
[85] 2013-11-08
[86] 2012-12-07 (PCT/US2012/068490)
[87] (WO2013/086353)
[30] US (61/567,808) 2011-12-07
[30] US (13/558,666) 2012-07-26

---

[11] **2,836,072**
[13] C
[51] **Int.Cl. H04N 21/232 (2011.01) H04N 21/472 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ENHANCING USER SEARCH RESULTS BY DETERMINING A TELEVISION PROGRAM CURRENTLY BEING DISPLAYED IN PROXIMITY TO AN ELECTRONIC DEVICE**
[54] **SYSTEME ET PROCEDE D'AMELIORATION DES RESULTATS DE RECHERCHE D'UN UTILISATEUR PAR LA DETERMINATION D'UN PROGRAMME DE TELEVISION ACTUELLEMENT AFFICHE A PROXIMITE D'UN DISPOSITIF ELECTRONIQUE**
[72] MADDISON, KYLE, GB
[72] KIRILLOV, ROMAN, GB
[73] GOOGLE INC., US
[85] 2013-11-13
[86] 2012-05-11 (PCT/US2012/037586)
[87] (WO2012/158542)
[30] US (61/486,178) 2011-05-13
[30] US (13/174,526) 2011-06-30

[11] **2,836,759**
[13] C
[51] **Int.Cl. B65D 75/36 (2006.01)**
[25] EN
[54] **PACKAGING FOR DISPOSABLE SOFT CONTACT LENSES**
[54] **EMBALLAGE POUR LENTILLE DE CONTACT DE CONTACT SOUPLES JETABLES**
[72] NEWMAN, STEPHEN D., SG
[73] MENICON SINGAPORE PTE LTD., SG
[86] (2836759)
[87] (2836759)
[22] 2005-02-16
[62] 2,556,761
[30] US (10/781,321) 2004-02-07
[30] US (10/789,961) 2004-02-27

---

[11] **2,836,818**
[13] C
[51] **Int.Cl. A01N 61/02 (2006.01) A01N 43/653 (2006.01) A01N 47/02 (2006.01) A01P 3/00 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **PARAFFINIC OIL AND CLASS B GIBBERELLIN BIOSYNTHESIS INHIBITOR COMPOSITIONS**
[54] **COMPOSITIONS A BASE D'HUILE PARAFFINIQUE ET D'INHIBITEUR DE LA BIOSYNTHESE DE LA GIBBERELLINE B**
[72] FEFER, MICHAEL, CA
[72] LIU, JUN, CA
[73] SUNCOR ENERGY INC., CA
[85] 2013-11-20
[86] 2012-06-04 (PCT/CA2012/050374)
[87] (WO2012/162844)
[30] US (61/493,291) 2011-06-03

---

[11] **2,840,093**
[13] C
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR IMPROVING NFC PARAMETER UPDATE MECHANISMS**
[54] **PROCEDES ET APPAREILS POUR AMELIORER DES MECANISMES DE MISE A JOUR DE PARAMETRE NFC**
[72] HILLAN, JOHN, US
[72] O'DONOGHUE, JEREMY R., US
[73] QUALCOMM INCORPORATED, US
[85] 2013-12-19
[86] 2012-06-22 (PCT/US2012/043874)
[87] (WO2012/178107)
[30] US (61/500,803) 2011-06-24
[30] US (13/483,763) 2012-05-30

---

[11] **2,840,730**
[13] C
[51] **Int.Cl. G10L 21/028 (2013.01) G10L 19/008 (2013.01) G10L 21/0232 (2013.01) H04R 5/00 (2006.01)**
[25] EN
[54] **MAINTAINING SPATIAL STABILITY UTILIZING COMMON GAIN COEFFICIENT**
[54] **MAINTIEN DE LA STABILITE SPATIALE A L'AIDE D'UN COEFFICIENT DE GAIN COMMUN**
[72] HETHERINGTON, PHILIP ALAN, CA
[73] QNX SOFTWARE SYSTEMS LIMITED, CA
[86] (2840730)
[87] (2840730)
[22] 2014-01-24
[30] US (13/753,211) 2013-01-29
[30] EP (13153062.8) 2013-01-29

---

[11] **2,841,566**
[13] C
[51] **Int.Cl. G01P 5/20 (2006.01) B64D 43/02 (2006.01) G01K 13/02 (2006.01) G01P 13/02 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO DETERMINE AIRCRAFT FLIGHT CONDITIONS**
[54] **PROCEDES ET APPAREIL DE DETERMINATION DES CONDITIONS DE VOL D'UN AERONEF**
[72] PARIS, STEPHEN W., US
[73] THE BOEING COMPANY, US
[86] (2841566)
[87] (2841566)
[22] 2014-02-03
[30] US (13/889,030) 2013-05-07

---

[11] **2,843,922**
[13] C
[51] **Int.Cl. G06F 7/00 (2006.01) G06F 12/00 (2006.01) G06F 17/30 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **DATA PROCESSING METHOD AND APPARATUS IN CLUSTER SYSTEM**
[54] **METHODE DE TRAITEMENT DE DONNEES ET APPAREIL DANS UN SYSTEME EN GRAPPE**
[72] LIU, QIANG, CN
[72] SUN, QUANCHENG, CN
[72] LUI, XIAOBO, CN
[72] YOU, JUN, CN
[72] YANG, HUADI, CN
[72] ZHOU, DAN, CN
[72] HUANG, YAN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2014-02-19
[86] 2012-12-12 (PCT/CN2012/086413)
[87] (WO2014/089767)

---

[11] **2,844,842**
[13] C
[51] **Int.Cl. E21B 43/26 (2006.01)**
[25] EN
[54] **PROCESSES FOR FRACTURING A WELL**
[54] **PROCESSUS DE FRACTURATION D'UN PUITS**
[72] SNIDER, PHILIP M., US
[73] MARATHON OIL COMPANY, US
[85] 2014-02-11
[86] 2012-06-19 (PCT/US2012/043144)
[87] (WO2013/025283)
[30] US (13/210,473) 2011-08-16

[11] **2,845,023**
[13] C
[51] **Int.Cl. G08G 9/02 (2006.01) G08G 1/16 (2006.01) G08G 3/02 (2006.01) G08G 5/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ROUTING DECISIONS IN A SEPARATION MANAGEMENT SYSTEM**
[54] **SYSTEME ET PROCEDE POUR DECISIONS DE ROUTAGE DANS UN SYSTEME DE GESTION DE SEPARATION**
[72] ESTKOWSKI, REGINA INEZ, US
[73] THE BOEING COMPANY, US
[86] (2845023)
[87] (2845023)
[22] 2014-03-05
[30] US (13/909,075) 2013-06-04

[11] **2,845,155**
[13] C
[51] **Int.Cl. B64C 13/26 (2006.01) B64C 9/34 (2006.01) B64C 13/50 (2006.01) B64C 21/00 (2006.01) B64C 23/06 (2006.01)**
[25] EN
[54] **VORTEX GENERATOR USING SHAPE MEMORY ALLOYS**
[54] **GENERATEUR DE TOURBILLONS UTILISANT DES ALLIAGES A MEMOIRE DE FORME**
[72] SHIVASHANKARA, BELUR N., US
[72] MABE, JAMES H., US
[72] CLINGMAN, DAN J., US
[73] THE BOEING COMPANY, US
[86] (2845155)
[87] (2845155)
[22] 2014-02-28
[30] US (13/891,769) 2013-05-10

[11] **2,845,413**
[13] C
[51] **Int.Cl. H04W 72/08 (2009.01)**
[25] EN
[54] **RADIO RESOURCE OPTIMIZING METHOD, APPARATUS, AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME D'OPTIMISATION DE RESSOURCE RADIO**
[72] ZHOU, WEI, CN
[72] ZHANG, HONGDING, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2014-02-14
[86] 2012-03-23 (PCT/CN2012/072884)
[87] (WO2013/075436)
[30] CN (201110380497.0) 2011-11-25

[11] **2,845,469**
[13] C
[51] **Int.Cl. B23D 61/02 (2006.01)**
[25] EN
[54] **CIRCULAR SAW BLADE WITH MULTIPLE MOUNTING HOLE PATTERNS**
[54] **LAME DE SCIE CIRCULAIRE A MULTIPLES TROUS DE FIXATION**
[72] HALL, KENNETH, US
[73] IRWIN INDUSTRIAL TOOL COMPANY, US
[86] (2845469)
[87] (2845469)
[22] 2014-03-11
[30] US (61/800,433) 2013-03-15
[30] US (13/887,927) 2013-05-06

[11] **2,846,775**
[13] C
[51] **Int.Cl. A45D 24/04 (2006.01) A45D 24/00 (2006.01)**
[25] EN
[54] **BRANCHED HAIRBRUSH TINES AND A HAIRBRUSH INCORPORATING BRANCHED TINES**
[54] **DENTS DE BROSSE A CHEVEUX RAMIFIEES ET BROSSE A CHEVEUX COMPRENANT DES DENTS RAMIFIEES**
[72] JACOB, CHRISTOPHE, FR
[72] BOUIX, HERVE F., US
[72] MAZZELLA, LYNN, US
[73] ELC MANAGEMENT LLC, US
[85] 2014-02-26
[86] 2012-08-22 (PCT/US2012/051889)
[87] (WO2013/032815)
[30] US (13/223,614) 2011-09-01

[11] **2,849,622**
[13] C
[51] **Int.Cl. F16L 57/00 (2006.01) B65D 63/00 (2006.01) F16B 2/08 (2006.01) F16L 3/14 (2006.01) F16L 33/03 (2006.01)**
[25] EN
[54] **ANNULARLY CLOSABLE BAND AND USE THEREOF**
[54] **BANDE REFERMABLE EN ANNEAU ET UTILISATION DE CELLE-CI**
[72] MEYER, HEINZ-ULRICH, DE
[73] ELAFLEX HIBY TANKTECHNIK GMBH & CO. KG, DE
[86] (2849622)
[87] (2849622)
[22] 2014-04-23
[30] EP (13165139.0) 2013-04-24

[11] **2,850,200**
[13] C
[51] **Int.Cl. B29C 45/16 (2006.01) E21D 21/00 (2006.01)**
[25] EN
[54] **COATED MINING BOLT**
[54] **VIS DE MINE REVETUE**
[72] SIMMONS, WALTER JOHN, US
[72] SIMMONS, WALTER NEAL, US
[73] TERRASIMCO INC., US
[86] (2850200)
[87] (2850200)
[22] 2004-12-16
[62] 2,549,683
[30] US (60/529,736) 2003-12-17
[30] US (60/529,750) 2003-12-17
[30] US (60/548,183) 2004-03-01

[11] **2,850,747**
[13] C
[51] **Int.Cl. B65B 13/02 (2006.01) B65B 13/18 (2006.01) B65B 13/30 (2006.01)**
[25] EN
[54] **SEALING TOOL FOR STRAP**
[54] **OUTIL DE SCELLEMENT POUR SANGLE**
[72] FIGIEL, JANUSZ, US
[72] LEUNG, KA KUEN, US
[72] NASIATKA, JASON R., US
[72] CROLL, JOHN W., US
[73] SIGNODE INTERNATIONAL IP HOLDINGS LLC, US
[85] 2014-04-01
[86] 2012-10-02 (PCT/US2012/058405)
[87] (WO2013/052446)
[30] US (61/543,161) 2011-10-04
[30] US (13/618,686) 2012-09-14

[11] **2,850,799**
[13] C
[51] **Int.Cl. G06T 5/50 (2006.01) H01J 37/28 (2006.01)**
[25] EN
[54] **DUAL IMAGE METHOD AND SYSTEM FOR GENERATING A MULTI-DIMENSIONAL IMAGE OF A SAMPLE**
[54] **PROCEDE ET SYSTEME A IMAGE DOUBLE POUR GENERER UNE IMAGE MULTIDIMENSIONNELLE D'UN ECHANTILLON**
[72] CARPIO, GUSTAVO, US
[72] CAVANAUGH, TIMOTHY, US
[72] NUR, BOAZ, US
[72] SUHRER, MICHAEL, US
[73] INGRAIN, INC., US
[85] 2014-04-01
[86] 2012-10-11 (PCT/US2012/059689)
[87] (WO2013/055876)
[30] US (61/547,090) 2011-10-14

[11] **2,851,015**
[13] C
[51] **Int.Cl. C09K 8/66 (2006.01) C02F 1/52 (2006.01) C02F 1/72 (2006.01) C02F 9/04 (2006.01) C09K 8/58 (2006.01) E21B 43/34 (2006.01) E21B 43/40 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR TREATING OILFIELD WATER**
[54] **COMPOSITION ET METHODE DE TRAITEMENT DE L'EAU DE CHAMP PETROLIER**
[72] KUSHAL, SETH, US
[73] BAKER HUGHES INCORPORATED, US
[86] (2851015)
[87] (2851015)
[22] 2014-05-08
[30] US (13/924,801) 2013-06-24

[11] **2,852,200**
[13] C
[51] **Int.Cl. C04B 35/06 (2006.01) B22D 11/10 (2006.01) B22D 41/54 (2006.01)**
[25] EN
[54] **REFRACTORY PRODUCT AND CASTING NOZZLE**
[54] **REFRACTAIRE ET BUSE POUR COULAGE**
[72] MORIKAWA, KATSUMI, JP
[72] SASAKI, AKINARI, JP
[72] YOSHITSUGU, NAOMI, JP
[72] LI, LING, JP
[73] KROSAKIHARIMA CORPORATION, JP
[85] 2014-04-14
[86] 2012-11-30 (PCT/JP2012/081101)
[87] (WO2013/081113)
[30] JP (2011-263870) 2011-12-01

[11] **2,852,507**
[13] C
[51] **Int.Cl. B64C 21/02 (2006.01) B64C 7/00 (2006.01)**
[25] EN
[54] **FLOW CONTROL STRUCTURE AND ASSOCIATED METHOD FOR CONTROLLING ATTACHMENT WITH A CONTROL SURFACE**
[54] **STRUCTURE DE COMMANDE D'ECOULEMENT ET PROCEDE ASSOCIE POUR COMMANDER L'ADHERENCE A UNE GOUVERNE**
[72] BERNHARDT, ROGER D., US
[73] THE BOEING COMPANY, US
[86] (2852507)
[87] (2852507)
[22] 2014-05-22
[30] US (13/934,934) 2013-07-03

[11] **2,852,689**
[13] C
[51] **Int.Cl. B65B 13/18 (2006.01)**
[25] EN
[54] **AUTOMATIC STRAP LOADING ASSEMBLY FOR STRAPPING MACHINE**
[54] **ENSEMBLE DE CHARGEMENT A SANGLE AUTOMATIQUE POUR MACHINE A CERCLER**
[72] HABERSTROH, JAMES A., US
[72] NYCKOWSKI, ANDREW J., US
[73] SIGNODE INTERNATIONAL IP HOLDINGS LLC, US
[85] 2014-04-16
[86] 2012-10-17 (PCT/US2012/060546)
[87] (WO2013/059269)
[30] US (61/549,030) 2011-10-19
[30] US (13/623,285) 2012-09-20

[11] **2,854,536**
[13] C
[51] **Int.Cl. B62B 7/06 (2006.01) B62B 9/12 (2006.01)**
[25] EN
[54] **LIGHTWEIGHT COLLAPSIBLE STROLLER**
[54] **POUSSETTE PLIANTE LEGERE**
[72] REMBISZ, JUSTINE, US
[72] WIEGMANN, ELIJAH M., US
[72] WALKER, JOHN J., US
[72] THORNE, HENRY F., US
[72] HOPKE, FREDERICK KARL, US
[72] DALEY, ROBERT D., US
[73] THORLEY INDUSTRIES, LLC, US
[85] 2014-05-02
[86] 2012-11-08 (PCT/US2012/064119)
[87] (WO2013/070892)
[30] US (61/557,694) 2011-11-09

[11] **2,854,676**
[13] C
[51] **Int.Cl. H04L 1/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING DATA STREAMS IN MIMO SYSTEM**
[54] **PROCEDE ET DISPOSITIF POUR LA TRANSMISSION D'UN FLUX DE DONNEES DANS UN SYSTEME MIMO**
[72] HUA, MENG, CN
[72] WANG, ZONGJIE, CN
[72] TIE, XIAOLEI, CN
[72] JIAO, SHURONG, CN
[72] FAN, SHUJU, CN
[72] WU, GENGSHI, CN
[72] COZZO, CARMELA, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2014-05-06
[86] 2012-04-23 (PCT/CN2012/074497)
[87] (WO2012/163198)
[30] CN (201110355186.9) 2011-11-08

---

[11] **2,854,996**
[13] C
[51] **Int.Cl. B26D 5/34 (2006.01) B26F 1/00 (2006.01) B26F 1/20 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS INVOLVING MANUFACTURING SHEET PRODUCTS BY TESTING PERFORATIONS**
[54] **METHODES ET SYSTEMES NECESSITANT LA FABRICATION DE PRODUIT DE TOLE PAR TEST DE PERFORATIONS**
[72] BIGARI, RICHARD J., US
[72] BRZEZINSKI, BRYAN A., US
[73] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
[85] 2014-05-08
[86] 2012-10-30 (PCT/US2012/062508)
[87] (WO2013/074279)
[30] US (61/560,458) 2011-11-16
[30] US (13/662,894) 2012-10-29

---

[11] **2,855,276**
[13] C
[51] **Int.Cl. E21B 44/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF HARVESTING INFORMATION FROM A WELL-SITE**
[54] **SYSTEMES ET PROCEDES DE COLLECTE D'INFORMATIONS A PARTIR D'UN SITE DE FORAGE**
[72] ROJAS, FABIAN FIDEL, US
[72] DAVIES, EVAN, US
[72] DIRKSEN, RONALD JOHANNES, US
[72] CRAWFORD, DONALD LEON, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-05-09
[86] 2011-11-16 (PCT/US2011/060926)
[87] (WO2013/074095)

---

[11] **2,855,455**
[13] C
[51] **Int.Cl. A61B 17/115 (2006.01) A61M 31/00 (2006.01)**
[25] EN
[54] **STRUCTURE FOR APPLYING SPRAYABLE WOUND TREATMENT MATERIAL**
[54] **STRUCTURE PERMETTANT D'APPLIQUER UN MATERIAU DE TRAITEMENT PULVERISABLE SUR UNE PLAIE**
[72] HEINRICH, RUSSELL, US
[72] BETTUCHI, MICHAEL, US
[72] FOWLER, DAVID N., US
[72] CAPELLA, ROBERT, US
[72] HAUSCHILD, JOHN, US
[73] COVIDIEN LP, US
[86] (2855455)
[87] (2855455)
[22] 2005-10-14
[62] 2,584,019
[30] US (60/620,102) 2004-10-18
[30] US (60/620,150) 2004-10-18

---

[11] **2,856,237**
[13] C
[51] **Int.Cl. A62C 35/68 (2006.01)**
[25] EN
[54] **FIRE PROTECTION SPRINKLER SUPPORT SYSTEM**
[54] **SYSTEME DE SUPPORT DE GICLEUR DE PROTECTION INCENDIE**
[72] FEENSTRA, SHAWN J., US
[73] THE VIKING CORPORATION, US
[86] (2856237)
[87] (2856237)
[22] 2012-05-24
[62] 2,778,054
[30] US (13/287,200) 2011-11-02

---

[11] **2,856,963**
[13] C
[51] **Int.Cl. H02K 11/049 (2016.01) H02K 19/38 (2006.01) H02M 7/30 (2006.01)**
[25] EN
[54] **GENERATOR OF A GEARLESS WIND TURBINE**
[54] **GENERATEUR D'UNE EOLIENNE A ENTRAINEMENT DIRECT**
[72] GIENGIEL, WOJCIECH, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2014-05-26
[86] 2012-12-14 (PCT/EP2012/075579)
[87] (WO2013/092423)
[30] DE (10 2011 089 498.5) 2011-12-21

---

[11] **2,856,974**
[13] C
[51] **Int.Cl. B01D 53/50 (2006.01)**
[25] EN
[54] **METHOD OF REMOVING SULFUR TRIOXIDE FROM A FLUE GAS STREAM**
[54] **PROCEDE D'ELIMINATION DE TRIOXYDE DE SOUFRE DANS UN FLUX DE GAZ DE COMBUSTION**
[72] MAZIUK, JOHN JR., US
[73] SOLVAY CHEMICALS, INC., US
[86] (2856974)
[87] (2856974)
[22] 2006-09-14
[62] 2,622,064
[30] US (11/229,011) 2005-09-15

[11] **2,857,201**
[13] C
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 47/024 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATIC WEIGHT ON BIT SENSOR CALIBRATION AND REGULATING BUCKLING OF A DRILLSTRING**
[54] **SYSTEMES ET PROCEDES POUR PERMETTRE UN ETALONNAGE AUTOMATIQUE D'UN CAPTEUR DE POIDS AU TREPAN ET UNE REGULATION DE LA DEFORMATION D'UN TRAIN DE TIGES DE FORAGE**
[72] HAY, RICHARD T., US
[72] SAMUEL, ROBELLO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-05-27
[86] 2012-12-28 (PCT/US2012/071917)
[87] (WO2013/101984)
[30] US (61/580,933) 2011-12-28

[11] **2,857,509**
[13] C
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/06 (2006.01)**
[25] EN
[54] **SELECTIVELY DISENGAGABLE SEALING SYSTEM**
[54] **SYSTEME D'ETANCHEITE POUVANT ETRE DESENGAGE DE FACON SELECTIVE**
[72] ALLEN, JASON A., US
[72] CLEM, NICHOLAS J., US
[72] O'BRIEN, ROBERT S., US
[72] HAMMER, AARON C., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-05-29
[86] 2012-10-29 (PCT/US2012/062356)
[87] (WO2013/081753)
[30] US (13/308,760) 2011-12-01

[11] **2,858,051**
[13] C
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 47/13 (2012.01) E21B 44/00 (2006.01) E21B 47/18 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REMOTELY CONTROLLING DOWNHOLE TOOLS USING UNTETHERED MOBILE DEVICES**
[54] **PROCEDE ET APPAREIL DE COMMANDE A DISTANCE D'OUTILS DE FOND DE TROU AU MOYEN DE DISPOSITIFS MOBILES AUTONOMES**
[72] HOLDERMAN, LUKE W., US
[72] LOPEZ, JEAN MARC, US
[72] GANO, JOHN C., US
[72] SIMONDS, FLOYD R., US
[72] FRIPP, MICHAEL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-06-03
[86] 2012-02-13 (PCT/US2012/024811)
[87] (WO2013/122560)

[11] **2,858,454**
[13] C
[51] **Int.Cl. F01D 5/02 (2006.01)**
[25] EN
[54] **STEAM TURBINE ROTOR**
[54] **ROTOR DE TURBINE A VAPEUR**
[72] ASAI, KUNIO, JP
[72] ARAI, MASAHIKO, JP
[72] MURATA, KENICHI, JP
[73] MITSUBISHI HITACHI POWER SYSTEMS, LTD., JP
[86] (2858454)
[87] (2858454)
[22] 2014-08-06
[30] JP (2013-164629) 2013-08-08

[11] **2,858,579**
[13] C
[51] **Int.Cl. F17D 1/20 (2006.01) F17D 1/12 (2006.01) F17D 3/01 (2006.01)**
[25] EN
[54] **FLOW-AFFECTING DEVICE**
[54] **DISPOSITIF INFLUENCANT L'ECOULEMENT**
[72] DYKSTRA, JASON D., US
[72] FRIPP, MICHAEL LINLEY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-06-06
[86] 2011-12-21 (PCT/US2011/066424)
[87] (WO2013/095423)

[11] **2,859,487**
[13] C
[51] **Int.Cl. A61K 31/197 (2006.01) A61K 31/55 (2006.01) A61K 31/714 (2006.01)**
[25] EN
[54] **ANTINEURITIC PHARMACEUTICAL COMBINATION AND COMPOSITIONS**
[54] **COMBINAISON PHARMACEUTIQUE ANTINEURITIQUE ET COMPOSITIONS ASSOCIEES**
[72] SENOSIAIN ARROYO, HECTOR, MX
[72] ARZOLA PANIAGUA, MARIA ANGELICA, MX
[73] LABORATORIOS SENOSIAIN S.A. DE C.V., MX
[85] 2014-06-16
[86] 2012-12-14 (PCT/IB2012/057345)
[87] (WO2013/088410)
[30] MX (MX/a/2011/014042) 2011-12-16

[11] **2,859,938**
[13] C
[51] **Int.Cl. G21F 9/12 (2006.01)**
[25] EN
[54] **METHOD AND HYDROPHILIC RESIN COMPOSITION FOR REMOVAL OF RADIOACTIVE IODINE AND/OR RADIOACTIVE CESIUM**
[54] **PROCEDE ET COMPOSITION DE RESINE HYDROPHILE DESTINES A ELIMINER L'IODE RADIOACTIF ET LE CESIUM RADIOACTIF**
[72] HANADA, KAZUYUKI, JP
[72] URUNO, MANABU, JP
[72] KIMURA, KAZUYA, JP
[72] TAKAHASHI, KENICHI, JP
[73] DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD., JP
[73] UKIMA CHEMICALS & COLOR MFG. CO., LTD., JP
[85] 2014-06-19
[86] 2012-12-28 (PCT/JP2012/084061)
[87] (WO2013/100125)
[30] JP (2011-288508) 2011-12-28
[30] JP (2012-011351) 2012-01-23
[30] JP (2012-055124) 2012-03-12
[30] JP (2012-068630) 2012-03-26

[11] **2,860,174**
[13] C
[51] **Int.Cl. A61B 17/34 (2006.01)**
[25] EN
[54] **LAPAROSCOPIC SEAL BRIDGE**
[54] **PONT DE JOINT D'ETANCHEITE LAPAROSCOPIQUE**
[72] BACHAR, YEHUDA, IL
[72] FARIN, DANNY, IL
[73] EON SURGICAL LTD., IL
[85] 2014-06-20
[86] 2012-12-21 (PCT/EP2012/076857)
[87] (WO2013/093107)
[30] US (61/579,670) 2011-12-23

---

[11] **2,860,336**
[13] C
[51] **Int.Cl. H04W 36/18 (2009.01) H04W 36/14 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SUPPORTING AN EVOLVED UTRAN**
[54] **PROCEDE ET SYSTEME DE SUPPORT D'UN UTRAN EVOLUE**
[72] SHAHEEN, KAMEL M., US
[73] INTERDIGITAL TECHNOLOGY CORPORATION, US
[86] (2860336)
[87] (2860336)
[22] 2006-07-17
[62] 2,615,612
[30] US (60/700,799) 2005-07-20
[30] US (11/444,846) 2006-05-31

---

[11] **2,861,058**
[13] C
[51] **Int.Cl. A47J 27/00 (2006.01) A47J 36/02 (2006.01) A47J 36/06 (2006.01) A47J 36/10 (2006.01)**
[25] EN
[54] **SLOW COOKING APPLIANCE WITH LATCHING ARRANGEMENT**
[54] **APPAREIL DE CUISSON LENTE A SYSTEME DE VERROUILLAGE**
[72] RANDALL, LARRY, US
[72] DAY, ADAM, US
[73] SUNBEAM PRODUCTS, INC., US
[85] 2014-07-11
[86] 2013-01-10 (PCT/US2013/021047)
[87] (WO2013/106580)
[30] US (61/585,897) 2012-01-12

---

[11] **2,861,603**
[13] C
[51] **Int.Cl. C07C 57/04 (2006.01) C07C 51/16 (2006.01) C09D 133/00 (2006.01)**
[25] EN
[54] **METHODS FOR PREPARING ACRYLIC ACID FROM BIOBASED STARTING MATERIALS**
[54] **PROCEDES DE PREPARATION D'ACIDE ACRYLIQUE A PARTIR DE MATERIAUX D'ORIGINE BIOLOGIQUE**
[72] LENSBOUER, JOSHUA, US
[73] AFI LICENSING LLC, US
[86] (2861603)
[87] (2861603)
[22] 2014-09-03
[30] US (61/878,493) 2013-09-16

---

[11] **2,861,810**
[13] C
[51] **Int.Cl. B60P 3/32 (2006.01) E01C 23/06 (2006.01)**
[25] EN
[54] **ROAD REPAIR VEHICLE**
[54] **VEHICULE DE REPARATION DE ROUTE**
[72] KANERVA, RONALD, CA
[73] KANERVA, RONALD, CA
[86] (2861810)
[87] (2861810)
[22] 2014-09-02

---

[11] **2,862,041**
[13] C
[51] **Int.Cl. C07F 9/6574 (2006.01)**
[25] EN
[54] **METHOD FOR PURIFYING ORGANIC DIPHOSPHITE COMPOUNDS**
[54] **PROCEDE D'EPURATION DE COMPOSES DIPHOSPHITE ORGANIQUES**
[72] BERENS, ULRICH, DE
[72] GANZ, HOLGER, DE
[72] WINDLIN, FRANZ NIKLAUS, DE
[72] AL-AKHDAR, WALID, CH
[73] BASF SE, DE
[85] 2014-06-27
[86] 2012-12-28 (PCT/EP2012/077018)
[87] (WO2013/098368)
[30] EP (11196183.5) 2011-12-30

---

[11] **2,862,700**
[13] C
[51] **Int.Cl. B29C 49/48 (2006.01) B29C 49/06 (2006.01) B29C 49/08 (2006.01)**
[25] EN
[54] **PROCESS FOR MAKING A STRETCH-BLOW MOLDED CONTAINER HAVING AN INTEGRAL HANDLE**
[54] **PROCEDE DE FABRICATION D'UN RECIPIENT MOULE PAR SOUFFLAGE BI-ORIENTE POSSEDANT UNE POIGNEE INTEGREE**
[72] GERLACH, CHRISTIAN GERHARD FRIEDRICH, BE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-07-17
[86] 2013-02-12 (PCT/US2013/025730)
[87] (WO2013/122928)
[30] US (13/371,987) 2012-02-13

---

[11] **2,862,759**
[13] C
[51] **Int.Cl. H04N 1/409 (2006.01) H04N 5/357 (2011.01) G06T 5/00 (2006.01) H04N 5/232 (2006.01)**
[25] EN
[54] **IMAGE PROCESSING APPARATUS, IMAGING DEVICE, IMAGE PROCESSING METHOD, AND COMPUTER-READABLE RECORDING MEDIUM**
[54] **APPAREIL DE TRAITEMENT D'IMAGE, DISPOSITIF D'IMAGERIE, PROCEDE DE TRAITEMENT D'IMAGE ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR**
[72] HARA, TAKAYUKI, JP
[72] YOSHIDA, KAZUHIRO, JP
[72] WATANABE, YOSHIKAZU, JP
[72] KATAOKA, AKIRA, JP
[73] RICOH COMPANY, LIMITED, JP
[85] 2014-07-02
[86] 2013-01-04 (PCT/JP2013/050346)
[87] (WO2013/103154)
[30] JP (2012-001599) 2012-01-06

[11] **2,863,187**
[13] C
[51] **Int.Cl. C22C 38/52 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/42 (2006.01) C22C 38/44 (2006.01)**
[25] EN
[54] **STAINLESS STEEL FOR OIL WELLS AND STAINLESS STEEL PIPE FOR OIL WELLS**
[54] **ACIER INOXYDABLE POUR PUITS DE PETROLE ET TUYAU EN ACIER INOXYDABLE POUR PUITS DE PETROLE**
[72] NAKATSUKA, SHINJIRO, JP
[72] OHE, TARO, JP
[72] AMAYA, HISASHI, JP
[72] TAKABE, HIDEKI, JP
[72] OTOME, YOHEI, JP
[72] TOMIO, YUSAKU, JP
[72] SEO, MASANAO, JP
[72] OMURA, TOMOHIKO, JP
[72] KONDO, KUNIO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-07-09
[86] 2013-02-27 (PCT/JP2013/055219)
[87] (WO2013/146046)
[30] JP (2012-068598) 2012-03-26

---

[11] **2,863,510**
[13] C
[51] **Int.Cl. H04B 1/692 (2011.01) H04W 16/12 (2009.01) H01Q 21/24 (2006.01) H04J 13/00 (2011.01)**
[25] EN
[54] **CO-CHANNEL WIRELESS COMMUNICATION METHODS AND SYSTEMS USING NONSYMMETRICAL ALPHABETS**
[54] **PROCEDES ET SYSTEMES POUR COMMUNICATIONS SANS FIL DANS LE MEME CANAL, A ALPHABETS NON SYMETRIQUES**
[72] KARABINIS, PETER D., US
[73] ATC TECHNOLOGIES, LLC, US
[86] (2863510)
[87] (2863510)
[22] 2004-03-17
[62] 2,517,067
[30] US (60/457,118) 2003-03-24
[30] US (60/457,043) 2003-03-24
[30] US (60/473,959) 2003-05-28
[30] US (60/477,522) 2003-06-11

---

[11] **2,864,420**
[13] C
[51] **Int.Cl. C07D 491/08 (2006.01) A61K 31/4741 (2006.01) A61K 31/475 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ENEDIYNE COMPOUNDS, CONJUGATES THEREOF, AND USES AND METHODS THEREFOR**
[54] **COMPOSES D'ENEDIYNE, LEURS CONJUGUES AINSI QU'UTILISATIONS ET PROCEDES S'Y RATTACHANT**
[72] CHOWDARI, NAIDU S., US
[72] GANGWAR, SANJEEV, US
[72] SUFI, BILAL, US
[73] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2014-08-12
[86] 2013-02-08 (PCT/US2013/025247)
[87] (WO2013/122823)
[30] US (61/598,143) 2012-02-13
[30] US (61/653,785) 2012-05-31

---

[11] **2,864,988**
[13] C
[51] **Int.Cl. G06T 19/00 (2011.01) G06F 3/048 (2013.01)**
[25] EN
[54] **AR IMAGE PROCESSING APPARATUS AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGE DE REALITE AUGMENTEE**
[72] ITO, KAZUHIKO, JP
[73] MICRONET CO., LTD., JP
[85] 2014-08-19
[86] 2012-10-31 (PCT/JP2012/078177)
[87] (WO2013/125099)
[30] JP (2012-036628) 2012-02-22

---

[11] **2,865,853**
[13] C
[51] **Int.Cl. B64D 33/02 (2006.01) B64D 15/04 (2006.01) B64D 29/00 (2006.01) F01D 25/02 (2006.01) F02C 7/047 (2006.01)**
[25] EN
[54] **AIRCRAFT ANTI-ICING SYSTEMS HAVING DEFLECTOR VANES**
[54] **SYSTEMES D'ANTIGIVRAGE D'AERONEFS MUNIS D'AUBES DEFLECTRICES**
[72] JOHNSON, RICK A., US
[72] PHAM, VICTOR D., US
[72] GALLY, DANIEL H., US
[72] SEYDEL, JOSEPH JAMES, US
[72] NATSUI, EDWARD CHARLES, US
[73] THE BOEING COMPANY, US
[86] (2865853)
[87] (2865853)
[22] 2014-10-02
[30] US (14/154967) 2014-01-14

---

[11] **2,868,433**
[13] C
[51] **Int.Cl. B66B 17/18 (2006.01)**
[25] EN
[54] **MINING ELEVATOR CARRYING PLATFORM AND CARRYING METHOD**
[54] **PLATE-FORME DE TRANSPORT D'ELEVATEUR D'EXTRACTION MINIERE ET PROCEDE DE TRANSPORT**
[72] CAO, GUOHUA, CN
[72] ZHU, ZHENCAI, CN
[72] QIN, JIANCONG, CN
[72] KANG, HONGQIAO, CN
[72] ZHOU, GONGBO, CN
[72] LI, WEI, CN
[72] CHEN, GUOAN, CN
[72] WU, RENYUAN, CN
[72] YANG, JIANRONG, CN
[72] MA, YIPING, CN
[73] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[73] DONGNAN ELEVATOR CO. LTD, CN
[85] 2014-09-25
[86] 2013-03-25 (PCT/CN2013/073106)
[87] (WO2013/143424)
[30] CN (201210083200.9) 2012-03-27

[11] **2,868,576**
[13] C
[51] **Int.Cl. F25J 3/08 (2006.01)**
[25] EN
[54] **PURIFICATION OF CARBON DIOXIDE**
[54] **PURIFICATION DU DIOXYDE DE CARBONE**
[72] HIGGINBOTHAM, PAUL, GB
[72] GUVELIOGLU, GALIP HAKAN, US
[72] PALAMARA, JOHN EUGENE, US
[72] WHITE, VINCENT, GB
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2868576)
[87] (2868576)
[22] 2014-10-22
[30] US (14/063,047) 2013-10-25

---

[11] **2,868,837**
[13] C
[51] **Int.Cl. H05B 33/08 (2006.01)**
[25] EN
[54] **PLANCKIAN AND NON-PLANCKIAN DIMMING OF SOLID STATE LIGHT SOURCES**
[54] **GRADATION DE PLANCK ET NON DE PLANCK DE SOURCES DE LUMIERE A L'ETAT SOLIDE**
[72] DAI, QI, US
[72] LI, MING, US
[72] HARRISON, ROBERT, US
[72] HAIDAR, EDWARD, US
[73] OSRAM SYLVANIA INC., US
[85] 2014-09-26
[86] 2013-05-06 (PCT/US2013/039789)
[87] (WO2013/166524)
[30] US (61/642,881) 2012-05-04

---

[11] **2,868,890**
[13] C
[51] **Int.Cl. H02B 1/28 (2006.01) H01R 13/52 (2006.01) H02G 3/08 (2006.01)**
[25] EN
[54] **PROTECTIVE APPARATUS FOR OUTDOOR ELECTRICAL OUTLETS**
[54] **APPAREIL DE PROTECTION POUR PRISES ELECTRIQUES EXTERIEURES**
[72] BROERE, HANS, CA
[73] A.C. DANDY PRODUCTS LTD., CA
[86] (2868890)
[87] (2868890)
[22] 2014-10-21
[30] US (61/893,524) 2013-10-21

---

[11] **2,869,688**
[13] C
[51] **Int.Cl. G02F 1/03 (2006.01)**
[25] EN
[54] **ELECTRO-OPTICAL SINGLE CRYSTAL ELEMENT, METHOD FOR THE PREPARATION THEREOF, AND SYSTEMS EMPLOYING THE SAME**
[54] **ELEMENT MONOCRISTALLIN ELECTRO-OPTIQUE, SON PROCEDE DE PREPARATION ET SYSTEMES L'UTILISANT**
[72] HAN, PENGDI, US
[72] YAN, WEILING, US
[73] HAN, PENGDI, US
[85] 2014-10-03
[86] 2013-04-04 (PCT/US2013/035343)
[87] (WO2013/152241)
[30] US (61/686,350) 2012-04-04
[30] US (61/802,796) 2013-03-18

---

[11] **2,869,819**
[13] C
[51] **Int.Cl. E03C 1/04 (2006.01) E03C 1/05 (2006.01)**
[25] EN
[54] **FAUCET INCLUDING A PULLOUT WAND WITH CAPACITIVE SENSING**
[54] **ROBINET COMPORTANT UNE BAGUETTE D'EXTRACTION A DETECTION CAPACITIVE**
[72] MEEHAN, STEVEN KYLE, US
[72] SAWASKI, JOEL D., US
[72] BELLAMAH, GREG F., US
[73] DELTA FAUCET COMPANY, US
[85] 2014-10-06
[86] 2013-04-19 (PCT/US2013/037384)
[87] (WO2013/159000)
[30] US (61/636,373) 2012-04-20

---

[11] **2,871,115**
[13] C
[51] **Int.Cl. B65D 19/00 (2006.01) B65D 5/02 (2006.01) B65D 5/10 (2006.01) B65D 5/60 (2006.01)**
[25] EN
[54] **BULK CONTAINER WITH BAG LINER SECURED IN PLACE**
[54] **CONTENANT POUR VRAC DOTE D'UNE DOUBLURE DE SAC FIXEE EN PLACE**
[72] WISECARVER, MARK ANTHONY, US
[73] INTERNATIONAL PAPER COMPANY, US
[85] 2014-10-16
[86] 2013-04-23 (PCT/US2013/037797)
[87] (WO2013/163180)
[30] US (61/636,844) 2012-04-23

---

[11] **2,871,396**
[13] C
[51] **Int.Cl. F01N 3/28 (2006.01) F01N 13/08 (2010.01)**
[25] EN
[54] **EXHAUST SYSTEM FOR MOTORCYCLE**
[54] **SYSTEME D'ECHAPPEMENT POUR MOTOCYCLETTE**
[72] SHIBUKI, KATSUAKI, JP
[72] YAZAKI, MASAYA, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2871396)
[87] (2871396)
[22] 2014-11-17
[30] JP (2013-250895) 2013-12-04

[11] **2,871,561**
[13] C
[51] **Int.Cl. C23C 2/06 (2006.01) C23C 2/26 (2006.01) C23C 22/06 (2006.01)**
[25] FR
[54] **METHODS FOR PRODUCING A PRE-LACQUERED METAL SHEET HAVING ZN-AL-MG COATINGS, AND CORRESPONDING METAL SHEET**
[54] **PROCEDES DE REALISATION D'UNE TOLE PRELAQUEE A REVETEMENTS ZNALMG ET TOLE CORRESPONDANTE**
[72] MACHADO AMORIM, TIAGO, FR
[72] RICHARD, JOELLE, FR
[72] JACQUESON, ERIC, FR
[72] LHERMEROULT, AUDREY, FR
[72] FELTIN, PASCALE, FR
[72] LEMAIRE, JEAN-MICHEL, FR
[72] ALLELY, CHRISTIAN, FR
[72] DIEZ, LUC, FR
[72] MATAIGNE, JEAN-MICHEL, FR
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO, S.L., ES
[85] 2014-10-24
[86] 2013-04-25 (PCT/IB2013/053279)
[87] (WO2013/160866)
[30] FR (PCT/FR2012/050910) 2012-04-25

[11] **2,872,390**
[13] C
[51] **Int.Cl. A61F 5/56 (2006.01)**
[25] EN
[54] **VALVED NASAL CANNULA**
[54] **CANULE NASALE AVEC VALVE**
[72] ROBITAILLE, JEAN-PIERRE, CA
[73] ROBITAILLE, JEAN-PIERRE, CA
[86] (2872390)
[87] (2872390)
[22] 2007-05-18
[62] 2,653,766
[30] GB (0610171.1) 2006-05-23

[11] **2,872,848**
[13] C
[51] **Int.Cl. F16L 15/04 (2006.01)**
[25] EN
[54] **TUBULAR THREADED JOINT HAVING IMPROVED HIGH-TORQUE MAKEUP PROPERTIES**
[54] **JONCTION FILETEE TUBULAIRE AVEC DES PROPRIETES AMELIOREES D'ASSEMBLAGE AVEC UN COUPLE ELEVE**
[72] GOTO, KUNIO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2014-11-06
[86] 2013-05-21 (PCT/JP2013/064558)
[87] (WO2013/176281)
[30] JP (2012-117550) 2012-05-23

[11] **2,874,926**
[13] C
[51] **Int.Cl. B29C 45/76 (2006.01)**
[25] EN
[54] **MOLD ACTUATOR STROKE CONTROL**
[54] **COMMANDE DE COURSE D'ACTIONNEUR DE MOULE**
[72] TANARY, SAMSIR, CA
[72] YU, WEICHUN, CA
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[86] (2874926)
[87] (2874926)
[22] 2007-10-23
[62] 2,607,436

[11] **2,875,295**
[13] C
[51] **Int.Cl. A21C 7/00 (2006.01) A21C 7/01 (2006.01)**
[25] EN
[54] **FOOD DOUGH ROUNDING DEVICE AND FOOD DOUGH ROUNDING METHOD**
[54] **DISPOSITIF DE MISE EN BOULE DE PATE ALIMENTAIRE ET PROCEDE DE MISE EN BOULE DE PATE ALIMENTAIRE**
[72] MORIKAWA, MICHIO, JP
[72] HIGUCHI, KATSUMICHI, JP
[72] TAKAMA, AKINORI, JP
[72] SATO, SHUYA, JP
[72] TODATE, AKIRA, JP
[73] RHEON AUTOMATIC MACHINERY CO., LTD., JP
[85] 2014-12-01
[86] 2013-05-17 (PCT/JP2013/063781)
[87] (WO2013/183423)
[30] JP (2012-127512) 2012-06-04

[11] **2,878,708**
[13] C
[51] **Int.Cl. E21B 47/06 (2012.01) E21B 49/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM, METHOD & COMPUTER PROGRAM PRODUCT TO SIMULATE THE PROGRESSIVE FAILURE OF RUPTURE DISKS IN DOWNHOLE ENVIRONMENTS**
[54] **SYSTEME, PROCEDE ET PRODUIT DE PROGRAMME D'ORDINATEUR POUR SIMULER LA DEFAILLANCE PROGRESSIVE DE DISQUES DE RUPTURE DANS DES ENVIRONNEMENTS DE FOND DE TROU**
[72] MITCHELL, ROBERT FRANKLIN, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-01-08
[86] 2013-07-09 (PCT/US2013/049761)
[87] (WO2014/011658)
[30] US (13/546,613) 2012-07-11

[11] **2,878,826**
[13] C
[51] **Int.Cl. H01M 8/0273 (2016.01)**
[25] EN
[54] **HOLDING APPARATUS FOR FUEL CELL GASKET**
[54] **DISPOSITIF DE RETENUE POUR JOINT DE PILE A COMBUSTIBLE**
[72] ONO, KEI, JP
[72] YAMAMOTO, MASAYA, JP
[72] TOYOSHIMA, KENICHI, JP
[72] HORIBE, NORIFUMI, JP
[72] TERASAKI, TAKAYUKI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2015-01-09
[86] 2013-06-24 (PCT/JP2013/067274)
[87] (WO2014/010397)
[30] JP (2012-154955) 2012-07-10

---

[11] **2,880,222**
[13] C
[51] **Int.Cl. A62C 35/68 (2006.01)**
[25] EN
[54] **FIRE PROTECTION SPRINKLER SUPPORT SYSTEM**
[54] **SYSTEME SUPPORT DE GICLEUR DE PROTECTION CONTRE LE FEU**
[72] FEENSTRA, SHAWN J., US
[73] THE VIKING CORPORATION, US
[85] 2015-01-23
[86] 2013-06-05 (PCT/US2013/044230)
[87] (WO2014/046746)
[30] US (13/625,303) 2012-09-24

---

[11] **2,880,531**
[13] C
[51] **Int.Cl. E05D 13/00 (2006.01)**
[25] EN
[54] **WINDOW/DOOR SYSTEM WITH FLAT TRACK HAVING "C"-SHAPED ROLLER SUPPORTS**
[54] **DISPOSITIF DE FENETRE/PORTE COMPORTANT UN RAIL PLAT DOTE DE SUPPORTS DE ROULEAUX EN FORME DE C**
[72] KIM, SOON SEOK, KR
[73] KIM, SOON SEOK, KR
[86] (2880531)
[87] (2880531)
[22] 2015-01-29
[30] KR (10-2014-0021779) 2014-02-25

---

[11] **2,881,420**
[13] C
[51] **Int.Cl. A61P 31/04 (2006.01)**
[25] EN
[54] **GLYCOCONJUGATION PROCESSES AND COMPOSITIONS**
[54] **PROCEDES DE GLYCOCONJUGAISON ET COMPOSITIONS**
[72] GU, JIANXIN, US
[72] KIM, JIN-HWAN, US
[72] PRASAD, A. KRISHNA, US
[72] YANG, YU-YING, US
[73] PFIZER INC., US
[85] 2015-02-09
[86] 2013-08-12 (PCT/IB2013/056597)
[87] (WO2014/027302)
[30] US (61/684,043) 2012-08-16

---

[11] **2,881,850**
[13] C
[51] **Int.Cl. F16J 15/26 (2006.01)**
[25] EN
[54] **SEAL RING**
[54] **ANNEAU D'ETANCHEITE**
[72] WATANABE, HIDEYA, JP
[73] NOK CORPORATION, JP
[86] (2881850)
[87] (2881850)
[22] 2015-02-13
[30] JP (2014-032095) 2014-02-21

---

[11] **2,883,379**
[13] C
[51] **Int.Cl. A61K 47/10 (2017.01) A24F 47/00 (2006.01) A61K 9/72 (2006.01) A61K 31/465 (2006.01) A61M 15/06 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) A61P 25/34 (2006.01)**
[25] EN
[54] **NICOTINE COMPOSITION**
[54] **COMPOSITION DE NICOTINE**
[72] HEARN, ALEX, GB
[72] LOWE, STUART BHIMSEN, GB
[72] GUPTA, RITIKA, GB
[72] MOYSES, CHRIS, GB
[73] KIND CONSUMER LIMITED, GB
[85] 2015-02-24
[86] 2013-08-23 (PCT/GB2013/052231)
[87] (WO2014/033437)
[30] GB (1215273.2) 2012-08-28

---

[11] **2,884,008**
[13] C
[51] **Int.Cl. B62K 19/02 (2006.01)**
[25] EN
[54] **CARDBOARD-BASED STRUCTURE**
[54] **STRUCTURE A BASE DE CARTON**
[72] GAFNI, IZHAR, IL
[73] I.G. CARDBOARD TECHNOLOGIES LTD., IL
[85] 2015-03-03
[86] 2013-10-13 (PCT/IL2013/050824)
[87] (WO2014/141228)
[30] US (61/787,292) 2013-03-15

---

[11] **2,885,208**
[13] C
[51] **Int.Cl. B23C 5/10 (2006.01)**
[25] EN
[54] **MACHINING TOOL FOR MACHINING PURPOSES AND METHOD FOR REPAIRING A COMPONENT OF FIBRE-REINFORCED PLASTICS**
[54] **OUTIL D'USINAGE PAR ENLEVEMENT DE COPEAUX POUR L'USINAGE ET PROCEDE DE REPARATION D'UNE PIECE EN PLASTIQUE RENFORCE PAR DES FIBRES**
[72] HUFSCHMIED, RALPH, DE
[73] HUFSCHMIED ZERSPANUNGSSYSTEME GMBH, DE
[85] 2015-03-17
[86] 2013-09-27 (PCT/EP2013/002911)
[87] (WO2014/056581)
[30] DE (10 2012 019 801.9) 2012-10-10

---

[11] **2,888,874**
[13] C
[51] **Int.Cl. B65D 55/02 (2006.01)**
[25] EN
[54] **TAMPER EVIDENT CLOSURE AND METHOD OF MAKING SAME**
[54] **DISPOSITIF DE FERMETURE INVIOLABLE ET SA METHODE DE FABRICATION**
[72] WITT, STEVEN HUGH, CA
[73] STANPAC INC., CA
[85] 2015-04-24
[86] 2014-12-12 (PCT/CA2014/051208)
[87] (WO2016/041053)
[30] US (62/052,616) 2014-09-19

[11] **2,890,045**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01) A61K 31/197 (2006.01) A61K 31/4172 (2006.01) A61K 31/7088 (2006.01) A61K 35/76 (2015.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) C40B 40/06 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **TREATMENT AND DIAGNOSIS OF COLON CANCER**
[54] **TRAITEMENT ET DIAGNOSTIC DU CANCER DU COLON**
[72] TAVAZOIE, SOHAIL, US
[72] LOO, JIA MIN, US
[73] THE ROCKEFELLER UNIVERSITY, US
[85] 2015-04-29
[86] 2013-10-31 (PCT/US2013/067860)
[87] (WO2014/071067)
[30] US (61/720,912) 2012-10-31
[30] US (61/786,500) 2013-03-15

---

[11] **2,890,536**
[13] C
[51] **Int.Cl. A21C 9/00 (2006.01) A21B 5/00 (2006.01) A21C 9/08 (2006.01) A21D 10/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR AUTOMATIC PREPARATION OF FLAT BREAD USING CAPSULES COMPRISING A PORTION OF DOUGH**
[54] **MACHINE A FABRIQUER DES GALETTES UTILISANT UN PROCEDE DE PREPARATION AUTOMATIQUE DES GALETTES BASE SUR DES CAPSULES DE PATE ET UN SYSTEME DE CONDITIONNEMENT**
[72] RUIZ, CARLOS, CH
[72] MULLER, JONAS, CH
[72] FRACHON, LOUIS RENAUD PAUL FRANCOIS, CH
[73] FLATEV AG, CH
[86] (2890536)
[87] (2890536)
[22] 2013-02-21
[62] 2,871,251
[30] EP (12156609.5) 2012-02-22

---

[11] **2,892,223**
[13] C
[51] **Int.Cl. A47F 5/10 (2006.01) A47B 96/02 (2006.01)**
[25] EN
[54] **ADJUSTABLE SHELVING UNIT**
[54] **UNITE D'ETAGERE AJUSTABLE**
[72] BURCHELL, JAMES R., US
[73] SMART SYSTEMS, INC., US
[85] 2015-05-22
[86] 2013-11-26 (PCT/US2013/072003)
[87] (WO2014/082081)
[30] US (61/729,684) 2012-11-26

---

[11] **2,892,276**
[13] C
[51] **Int.Cl. C23C 14/04 (2006.01) F01N 13/16 (2010.01) C23C 14/32 (2006.01) C23C 14/58 (2006.01) F28F 13/18 (2006.01)**
[25] EN
[54] **HEAT RADIATION MEMBER AND METHOD FOR MANUFACTURING THE SAME**
[54] **ELEMENT DE RAYONNEMENT THERMIQUE ET PROCEDE DE FABRICATION**
[72] NISHIO, KAZUAKI, JP
[72] SHIMODA, KENJI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2015-05-22
[86] 2014-01-08 (PCT/IB2014/000010)
[87] (WO2014/118609)
[30] JP (2013-014600) 2013-01-29

---

[11] **2,892,912**
[13] C
[51] **Int.Cl. B61H 13/00 (2006.01) B60T 17/00 (2006.01) B61H 13/34 (2006.01)**
[25] EN
[54] **SPRING-APPLIED PARKING BRAKE WITH BALL SCREW RESET MECHANISM**
[54] **FREIN DE STATIONNEMENT A APPLICATION DE RESSORT AVEC MECANISME DE RETABLISSEMENT A VIS SPHERIQUE**
[72] MATHERN, PETER D., US
[72] DIXON, JOSEPH MICHAEL, US
[73] WABTEC HOLDING CORP., US
[85] 2015-05-26
[86] 2013-12-05 (PCT/US2013/073244)
[87] (WO2014/089264)
[30] US (61/733,456) 2012-12-05
[30] US (14/096,200) 2013-12-04

---

[11] **2,893,486**
[13] C
[51] **Int.Cl. H04W 4/12 (2009.01) G06Q 10/10 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **MOBILE PUSH NOTIFICATION**
[54] **NOTIFICATION DE TRANSFERT MOBILE**
[72] ZADOROZNY, RICHARD KENNETH, US
[72] TALWAR, MOHIT, US
[72] POPOV, LEV, US
[72] YAO, ROSE, US
[73] FACEBOOK, INC., US
[85] 2015-06-02
[86] 2013-11-04 (PCT/US2013/068196)
[87] (WO2014/099145)
[30] US (13/718,273) 2012-12-18

---

[11] **2,893,892**
[13] C
[51] **Int.Cl. B60R 13/10 (2006.01) B60R 19/50 (2006.01)**
[25] EN
[54] **OVERMOLDED VEHICLE LICENSE PLATE FRAME AND BUMPER ASSEMBLY**
[54] **ENSEMBLE DE CADRE DE PLAQUE D'IMMATRICULATION SURMOULE ET PARECHOC**
[72] MASANEK, FREDERICK W., JR., US
[72] MACNEIL, DAVID F., US
[73] MACNEIL IP LLC, US
[86] (2893892)
[87] (2893892)
[22] 2015-06-05
[30] US (14/341275) 2014-07-25

---

[11] **2,897,288**
[13] C
[51] **Int.Cl. G01L 11/02 (2006.01) G02B 6/02 (2006.01)**
[25] EN
[54] **SIDE-HOLE CANE WAVEGUIDE SENSOR**
[54] **CAPTEUR DE GUIDE D'ONDES DE TIGE A ORIFICE LATERAL**
[72] KERSEY, ALAN D., US
[72] MAIDA, JOHN L., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2897288)
[87] (2897288)
[22] 2004-02-20
[62] 2,740,053
[30] US (10/371,910) 2003-02-21

[11] **2,900,162**
[13] C
[51] **Int.Cl. E05F 15/73 (2015.01) E05F 15/70 (2015.01) G01S 17/02 (2006.01)**
[25] EN
[54] **SENSOR FOR USE WITH AUTOMATIC DOOR**
[54] **CAPTEUR POUR PORTE AUTOMATIQUE**
[72] KANKI, HISAYUKI, JP
[72] IRIBA, TORU, JP
[72] IKEDA, SHINYU, JP
[72] KANDA, YASUTAKA, JP
[72] NISHIGAKI, KENJI, JP
[72] KITADA, YASUTERU, JP
[72] WADA, TAKASHI, JP
[73] NABTESCO CORPORATION, JP
[86] (2900162)
[87] (2900162)
[22] 2011-11-25
[62] 2,819,574
[30] JP (2010-270226) 2010-12-03

[11] **2,903,084**
[13] C
[51] **Int.Cl. B01L 3/00 (2006.01) G01N 35/00 (2006.01) C12M 1/34 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND APPARATUSES FOR PERFORMING AUTOMATED REAGENT-BASED ASSAYS**
[54] **SYSTEMES, PROCEDES ET APPAREILS POUR EFFECTUER DES DOSAGES AUTOMATISES A BASE DE REACTIF**
[72] KNIGHT, BYRON J., US
[72] BUSE, DAVID, US
[72] GROELI, JULIAN, US
[73] GEN-PROBE INCORPORATED, US
[85] 2015-08-28
[86] 2014-03-13 (PCT/US2014/026789)
[87] (WO2014/151996)
[30] US (61/782,320) 2013-03-14

[11] **2,904,259**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/573 (2006.01) A61P 9/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **USE OF RITUXIMAB TO TREAT VASCULITIS**
[54] **UTILISATION DU RITUXIMAB POUR LE TRAITEMENT DE LA VASCULARITE**
[72] CURD, JOHN G., US
[72] KUNKEL, LORI A., US
[72] GRILLO-LOPEZ, ANTONIO J., US
[73] GENENTECH, INC., US
[73] BIOGEN IDEC INC., US
[86] (2904259)
[87] (2904259)
[22] 2000-05-04
[62] 2,372,603
[30] US (60/133,018) 1999-05-07
[30] US (60/139,621) 1999-06-17

[11] **2,901,634**
[13] C
[51] **Int.Cl. E04H 17/10 (2006.01) E01F 9/669 (2016.01) A01G 17/04 (2006.01) A01K 3/00 (2006.01) E04H 17/24 (2006.01) H01B 17/16 (2006.01)**
[25] EN
[54] **A POST MOUNTING SYSTEM AND APPARATUS**
[54] **SYSTEME ET APPAREIL DE MONTAGE DE POTEAU**
[72] JOHNS, GRAHAM, NZ
[72] WADE, ROBERT, NZ
[72] FABIEN, ROBERT, AU
[72] O'TOOLE, LAWRENCE, AU
[73] ONESTEEL WIRE PTY LIMITED, AU
[73] GALLAGHER GROUP LIMITED, NZ
[85] 2015-08-18
[86] 2014-02-24 (PCT/AU2014/000168)
[87] (WO2014/134660)
[30] AU (2013900790) 2013-03-07
[30] AU (2013204291) 2013-04-12

[11] **2,903,302**
[13] C
[51] **Int.Cl. F01N 3/20 (2006.01) F01N 11/00 (2006.01)**
[25] EN
[54] **EXHAUST GAS CONTROL SYSTEM OF INTERNAL COMBUSTION ENGINE**
[54] **SYSTEME DE REGULATION DES GAZ D'ECHAPPEMENT D'UN MOTEUR A COMBUSTION INTERNE**
[72] TSUCHIYA, TOMIHISA, JP
[72] HOSHI, SAKUTARO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[85] 2015-09-01
[86] 2014-03-04 (PCT/IB2014/000237)
[87] (WO2014/135951)
[30] JP (2013-045520) 2013-03-07

[11] **2,908,212**
[13] C
[51] **Int.Cl. B60K 6/387 (2007.10) B60K 6/48 (2007.10) B60K 6/547 (2007.10) F16H 57/00 (2012.01) F16H 57/04 (2010.01) F16H 61/00 (2006.01)**
[25] EN
[54] **POWER TRANSMISSION SYSTEM FOR HYBRID VEHICLE**
[54] **SYSTEME DE TRANSMISSION DE PUISSANCE POUR VEHICULE HYBRIDE**
[72] INOUE, YUJI, JP
[72] IDESHIO, YUKIHIKO, JP
[72] MICHIKOSHI, YOUSUKE, JP
[72] SUYAMA, DAIKI, JP
[72] JINNAI, NAOYA, JP
[72] WADA, KENSUKE, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] AISIN AW CO., LTD., JP
[85] 2015-09-25
[86] 2014-03-13 (PCT/IB2014/000311)
[87] (WO2014/155169)
[30] JP (2013-062501) 2013-03-25

[11] **2,909,118**
[13] C
[51] **Int.Cl. F28F 9/18 (2006.01) F28D 7/16 (2006.01) F28F 1/36 (2006.01) F28F 13/06 (2006.01)**
[25] EN
[54] **HYGIENIC HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR HYGIENIQUE**
[72] POULSEN, OLE, DK
[72] THORSEN, KNUD, DK
[73] SPX FLOW TECHNOLOGY DANMARK A/S, DK
[85] 2015-10-08
[86] 2014-04-10 (PCT/EP2014/057237)
[87] (WO2014/167041)
[30] DK (PA 2013 00215) 2013-04-11

---

[11] **2,912,330**
[13] C
[51] **Int.Cl. C22B 1/04 (2006.01) C22B 11/06 (2006.01)**
[25] EN
[54] **METHOD AND PLANT FOR PROCESSING ROASTED PYRITES**
[54] **PROCEDE ET INSTALLATION DE TRAITEMENT DE CENDRES DE PYRITE**
[72] BOHRINGER, BERTRAM, DE
[72] SCHONFELD, RAIK, DE
[72] DYACHENKO, ALEXANDER, DE
[72] LARIN, VALERIY, DE
[73] BLUCHER GMBH, DE
[85] 2015-11-12
[86] 2013-06-24 (PCT/EP2013/063125)
[87] (WO2014/183807)
[30] EP (PCT/EP2013/001474) 2013-05-17

---

[11] **2,916,517**
[13] C
[51] **Int.Cl. D04H 1/14 (2006.01) D04H 1/4218 (2012.01)**
[25] EN
[54] **GLASS FIBER ENHANCED MINERAL WOOL BASED ACOUSTICAL TILE**
[54] **TUILE ACOUSTIQUE A BASE DE LAINE MINERALE AMELIOREE PAR FIBRE DE VERRE**
[72] FRANK, WILLIAM A., US
[72] ROSENSTIEL, TERRY L., US
[73] USG INTERIORS, LLC, US
[85] 2015-12-21
[86] 2014-06-30 (PCT/US2014/044824)
[87] (WO2015/002866)
[30] US (13/935,597) 2013-07-05

---

[11] **2,921,563**
[13] C
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 1/018 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR TREATMENT OF LUMINAL TISSUE**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR TRAITEMENT DE TISSU LUMINAL**
[72] HUSZAR, HILLARY K., US
[72] UTLEY, DAVID S., US
[72] GWERDER, ERIC J., US
[72] LUBINSKI, ALEXANDER A., US
[72] HAGGERTY, ROBERT C., US
[72] MATA, GILBERT, JR., US
[72] SEINLWIN, FELICIA P., US
[72] SAH, PRATIKA, US
[73] COVIDIEN LP, US
[86] (2921563)
[87] (2921563)
[22] 2012-08-24
[62] 2,846,238
[30] US (61/527,554) 2011-08-25

---

[11] **2,928,427**
[13] C
[51] **Int.Cl. H05F 3/02 (2006.01) B65G 27/00 (2006.01) B65G 27/26 (2006.01) H01R 4/66 (2006.01)**
[25] EN
[54] **ELECTRICAL GROUNDING ARM**
[54] **BRAS DE MISE ELECTRIQUE A LA TERRE**
[72] JONES, MICHAEL R., US
[72] WOILER, CHRISTOPHER A., US
[72] DUNHAM, DEAN, US
[73] KEY TECHNOLOGY, INC., US
[85] 2016-04-21
[86] 2015-05-14 (PCT/US2015/030720)
[87] (WO2015/199831)
[30] US (14/312,387) 2014-06-23

---

[11] **2,928,688**
[13] C
[51] **Int.Cl. A01J 5/00 (2006.01) A01J 5/01 (2006.01) B25J 9/18 (2006.01) B25J 19/04 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **MILKING BOX**
[54] **ENCEINTE DE TRAITE**
[72] HOFMAN, HENK, NL
[72] DE RUIJTER, COR, NL
[72] KOEKOEK, MENNO, NL
[72] VAN DER SLUIS, PETER WILLEM, NL
[73] TECHNOLOGIES HOLDINGS CORP., US
[86] (2928688)
[87] (2928688)
[22] 2012-04-27
[62] 2,913,433
[30] US (13/095,983) 2011-04-28
[30] US (13/448,993) 2012-04-17
[30] US (13/449,056) 2012-04-17
[30] US (13/448,951) 2012-04-17
[30] US (13/449,105) 2012-04-17
[30] US (13/449,142) 2012-04-17
[30] US (13/449,162) 2012-04-17
[30] US (13/449,173) 2012-04-17
[30] US (13/448,882) 2012-04-17

---

[11] **2,930,296**
[13] C
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **PROSTHETIC HEART VALVE**
[54] **VALVULE CARDIAQUE PROSTHETIQUE**
[72] SPENSER, BENJAMIN, IL
[72] BENICHU, NETANEL, IL
[72] BASH, ASSAF, IL
[72] ZAKAI, AVRAHAM, IL
[73] EDWARDS LIFESCIENCES PVT, INC., US
[86] (2930296)
[87] (2930296)
[22] 2002-10-11
[62] 2,918,920
[30] US (09/975,750) 2001-10-11

[11] **2,935,163**
[13] C
[51] **Int.Cl. B66F 11/04 (2006.01) B66C 17/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR TREATING THE SURFACE OR CARRYING OUT MAINTENANCE AND/OR INSPECTION TASKS OF A VERTICAL STABILIZER OF AN AERIAL VEHICLE IN A LOW INTERIOR HEIGHT HANGAR**
[54] **APPAREIL POUR TRAITER LA SURFACE OU EFFECTUER DES TACHES DE MAINTENANCE ET/OU D'INSPECTION D'UN STABILISATEUR VERTICAL D'UN VEHICULE AERIEN DANS UN HANGAR INTERIEUR DE FAIBLE HAUTEUR**
[72] ROSTER, THOMAS, LU
[73] CTI SYSTEMS S.A., LU
[85] 2016-06-27
[86] 2015-01-27 (PCT/EP2015/051539)
[87] (WO2015/113945)
[30] LU (92367) 2014-01-29

Canadian Applications Open to Public Inspection

October 30, 2016 to November 5, 2016

Demandes canadiennes mises à la disponibilité du public

30 octobre 2016 au 5 novembre 2016

[21] **2,880,600**
[13] A1
[51] **Int.Cl. E02B 9/08 (2006.01) F03B 13/08 (2006.01)**
[25] EN
[54] **THE CABLE-HYDRO DAM AND TURBINES (CHDAM & TURBINES)**
[54] **LE BARRAGE CABLE-HYDRO ET TURBINES**
[72] MALEKSAEEDI GHASRALDASHTI, SEYEDJALAL, CA
[71] MALEKSAEEDI GHASRALDASHTI, SEYEDJALAL, CA
[22] 2015-04-30
[41] 2016-10-30

[21] **2,889,455**
[13] A1
[51] **Int.Cl. G01R 22/00 (2006.01) G01R 21/00 (2006.01) G01R 31/40 (2014.01) G08B 21/18 (2006.01) G08C 19/12 (2006.01) H02H 3/04 (2006.01) H02J 13/00 (2006.01) H04B 3/00 (2006.01) H04L 27/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR ACQUIRING ELECTRICITY UTILIZATION INFORMATION**
[54] **DISPOSITIF ET METHODE D'ACQUISITION D'INFORMATION SUR L'UTILISATION DE L'ELECTRICITE**
[72] LIU, BING, CN
[71] LIU, BING, CN
[22] 2015-04-30
[41] 2016-10-30

[21] **2,889,456**
[13] A1
[51] **Int.Cl. E21B 17/18 (2006.01) E21B 17/20 (2006.01) F16L 11/22 (2006.01) E21B 19/22 (2006.01)**
[25] EN
[54] **ECCENTRIC COIL-IN-COIL TUBING**
[54] **TUBAGE DE BOBINE DANS UNE BOBINE EXCENTRIQUE**
[72] SHERMAN, SCOTT, CA
[71] TRICAN WELL SERVICE LTD., CA
[22] 2015-04-30
[41] 2016-10-30

[21] **2,889,550**
[13] A1
[51] **Int.Cl. G09F 13/04 (2006.01) G09F 7/16 (2006.01) H02J 7/35 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **ILLUMINATED PANEL FOR STREET NUMBERS**
[54] **PANNEAU ILLUMINE DESTINE AUX NUMEROS D'IMMEUBLE**
[72] TANGUDU, RAVI, CA
[71] TANGUDU, RAVI, CA
[22] 2015-05-01
[41] 2016-11-01

[21] **2,889,553**
[13] A1
[51] **Int.Cl. A61B 5/16 (2006.01) A61M 21/00 (2006.01)**
[25] EN
[54] **METHODOLOGY AND COMPUTER SYSTEM FOR GATHERING AND ANALYZING INDIVIDUAL AND COLLECTIVE EMOTIONAL AND INTELLECTUAL INTELLIGENCE**
[54] **METHODOLOGIE ET SYSTEME INFORMATIQUE DESTINES A RECUEILLIR ET ANALYSER DE L'INFORMATION, INDIVIDUELLE ET COLLECTIVE, EMOTIONNELLE ET INTELLECTUELLE**
[72] SANAEI KERMANI, ALI, CA
[71] BUREAU 11 INC., CA
[22] 2015-05-01
[41] 2016-11-01

[21] **2,889,558**
[13] A1
[51] **Int.Cl. B24B 7/16 (2006.01) B24B 9/00 (2006.01) B24B 19/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR BUFFING A PIPE ASSEMBLY**
[54] **APPAREIL DE PONCAGE D'UN APPAREILLAGE DE TUYAUTERIE**
[72] KOSTIUK, DEREK, CA
[72] ELLIOTT, LEE, CA
[71] KOSTIUK, DEREK, CA
[71] ELLIOTT, LEE, CA
[22] 2015-04-30
[41] 2016-10-30

[21] **2,889,657**
[13] A1
[51] **Int.Cl. E05F 1/02 (2006.01) E05D 13/00 (2006.01) E05D 15/06 (2006.01)**
[25] EN
[54] **EASY SHUT - SLIDING AND HINGED DEVICES GRAVITY CLOSER**
[54] **DISPOSITIF DE FERMETURE PAR GRAVITE FACILE A FERMER, COULISSANT ET ARTICULE**
[72] ROHR, SIDNEI MR., CA
[71] ROHR, SIDNEI MR., CA
[22] 2015-05-04
[41] 2016-11-04

---

[21] **2,889,713**
[13] A1
[51] **Int.Cl. A61K 8/31 (2006.01) A61K 8/34 (2006.01) A61K 8/63 (2006.01) A61K 31/01 (2006.01) A61K 31/05 (2006.01) A61K 31/58 (2006.01) A61K 36/00 (2006.01) A61K 36/258 (2006.01) A61K 36/28 (2006.01) A61K 36/36 (2006.01) A61K 36/481 (2006.01) A61K 36/815 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **AS FOREVER YOUNG**
[54] **COMME JEUNESSE ETERNELLE**
[72] MING, JIAN, CA
[71] MING, JIAN, CA
[22] 2015-05-01
[41] 2016-11-01

---

[21] **2,889,714**
[13] A1
[51] **Int.Cl. A61K 8/60 (2006.01) A61K 8/34 (2006.01) A61K 31/05 (2006.01) A61K 31/706 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **NIAGEN PLUS**
[54] **NIAGEN PLUS**
[72] MING, JIAN, CA
[71] MING, JIAN, CA
[22] 2015-05-01
[41] 2016-11-01

---

[21] **2,889,838**
[13] A1
[51] **Int.Cl. A63B 67/14 (2006.01) A63B 43/06 (2006.01)**
[25] EN
[54] **NIGHT PUCK**
[54] **RONDELLE DE NUIT**
[72] RICHARD, RICKY, CA
[71] NIGHT PUCK TECHNOLOGY INC., CA
[22] 2015-04-30
[41] 2016-10-30

---

[21] **2,889,846**
[13] A1
[51] **Int.Cl. G01K 7/10 (2006.01)**
[25] EN
[54] **THERMOCOUPLE RESISTANCE COMPENSATOR**
[54] **COMPENSATEUR DE RESISTANCE DE THERMOCOUPLE**
[72] HUNTER, MICHAEL, CA
[71] THERMO-KINETICS COMPANY LIMITED, CA
[22] 2015-04-30
[41] 2016-10-30
[30] US (61/986205) 2015-04-30

---

[21] **2,889,869**
[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) F21V 33/00 (2006.01) H02G 3/14 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **LIGHT SWITCH COVER PLATE / ELECTRICAL PLUG COVER NIGHT LIGHT**
[54] **VEILLEUSE PLAQUE DE COUVERCLE D'INTERRUPTEUR D'ECLAIRAGE / DE PRISE DE COURANT**
[72] PAPACONSTANTINOU, CONSTANTINOS, CA
[71] PAPACONSTANTINOU, CONSTANTINOS, CA
[22] 2015-05-04
[41] 2016-11-04

---

[21] **2,889,870**
[13] A1
[51] **Int.Cl. G09G 5/00 (2006.01)**
[25] EN
[54] **OPTICAL FEEDBACK SYSTEM**
[54] **SYSTEME DE RETROACTION OPTIQUE**
[72] CHAJI, GHOLAMREZA, CA
[71] IGNIS INNOVATION INC., CA
[22] 2015-05-04
[41] 2016-11-04

---

[21] **2,889,953**
[13] A1
[51] **Int.Cl. H01S 5/024 (2006.01) G01J 3/10 (2006.01)**
[25] EN
[54] **PACKAGED LASER THERMAL CONTROL SYSTEM**
[54] **MECANISME DE CONTROLE THERMIQUE DE LASER CONDITIONNE**
[72] TULIP, JOHN, CA
[71] BOREAL LASER INC., CA
[22] 2015-05-05
[41] 2016-11-05

---

[21] **2,889,955**
[13] A1
[51] **Int.Cl. A63B 71/10 (2006.01) A41D 13/015 (2006.01) A42B 1/00 (2006.01) A42B 1/24 (2006.01)**
[25] EN
[54] **USER-PROTECTION APPARATUS**
[54] **APPAREIL DE PROTECTION D'UTILISATEUR**
[72] CLEMENT, LEONARD W., CA
[72] JONES, JAMES W., CA
[71] CLEMENT, LEONARD W., CA
[71] JONES, JAMES W., CA
[22] 2015-05-05
[41] 2016-11-05

[21] **2,889,960**
[13] A1
[51] **Int.Cl. B01J 23/46 (2006.01) B01J 37/02 (2006.01) B01J 37/08 (2006.01)**
[25] EN
[54] **CATALYSTS AND PROCESS FOR HYDRODESULFURIZATION**
[54] **CATALYSEURS ET PROCEDES D'HYDRODESULFURATION**
[72] SEMAGINA, NATALIA, CA
[72] ZIAEI-AZAD, HESSAM, CA
[71] GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[22] 2015-05-05
[41] 2016-11-05

---

[21] **2,889,963**
[13] A1
[51] **Int.Cl. C23F 13/20 (2006.01) H05F 7/00 (2006.01)**
[25] EN
[54] **POWER RE-PROCESSING FOR CATHODIC PROTECTION (AC MITIGATION TO DC PROTECTION)**
[54] **TRAITEMENT SECONDAIRE DE PUISSANCE DESTINE A LA PROTECTION CATHODIQUE (ATTENUATION CA EN VUE D'UNE PROTECTION CC)**
[72] STONE, CHRISTIEN R., CA
[71] STONE, CHRISTIEN R., CA
[22] 2015-05-05
[41] 2016-11-05

---

[21] **2,889,967**
[13] A1
[51] **Int.Cl. B44D 3/12 (2006.01) B05C 21/00 (2006.01) B44D 3/02 (2006.01)**
[25] EN
[54] **PAINT PALETTE SYSTEM**
[54] **SYSTEME DE PALETTE DE PEINTURE**
[72] MAYBERRY, BEN MICHAEL, US
[71] MAYBERRY, BEN MICHAEL, US
[22] 2015-05-05
[41] 2016-11-05

---

[21] **2,889,984**
[13] A1
[51] **Int.Cl. H04W 16/18 (2009.01) H04W 16/14 (2009.01)**
[25] EN
[54] **STRUCTURING AND METHOD FOR WIRELESS RADIO ACCESS NETWORK DEPLOYMENT**
[54] **STRUCTURATION ET METHODE DE DEPLOIEMENT DE RESEAU D'ACCES RADIO SANS FIL**
[72] ALSOHAILY, AHMED, CA
[72] SOUSA, ELVINO SILVEIRA MEDINA DE, CA
[71] ALSOHAILY, AHMED, CA
[71] SOUSA, ELVINO SILVEIRA MEDINA DE, CA
[22] 2015-05-04
[41] 2016-11-04

---

[21] **2,890,375**
[13] A1
[51] **Int.Cl. F41J 5/20 (2006.01) F41J 1/00 (2006.01) F41J 7/00 (2006.01)**
[25] EN
[54] **TARGET, SYSTEM AND METHOD FOR MARKSMANSHIP TRAINING**
[54] **CIBLE, DISPOSITIF ET METHODE D'ENTRAINEMENT A L'ADRESSE AU TIR**
[72] GRATRIX, MAURY, CA
[71] GRATRIX, MAURY, CA
[22] 2015-05-04
[41] 2016-11-04

---

[21] **2,890,398**
[13] A1
[51] **Int.Cl. B32B 3/08 (2006.01) B32B 37/02 (2006.01) B32B 38/10 (2006.01) B32B 38/18 (2006.01) H01L 27/15 (2006.01)**
[25] EN
[54] **SELECTIVE AND NON-SELECTIVE MICRO-DEVICE TRANSFERRING**
[54] **TRANSFERT DE MICRO DISPOSITIF SELECTIF ET NON SELECTIF**
[72] CHAJI, GHOLAMREZA, CA
[72] FATHI, EHSANALLAH, CA
[71] IGNIS INNOVATION INC., CA
[22] 2015-05-04
[41] 2016-11-04

---

[21] **2,890,652**
[13] A1
[51] **Int.Cl. F24C 15/20 (2006.01) B08B 15/00 (2006.01) F23J 11/00 (2006.01)**
[25] FR
[54] **VENTILATION SYSTEM WITH STANDARD EXHAUST CONDUIT FOR A COMMERCIAL KITCHEN**
[54] **SYSTEME DE VENTILATION AVEC CONDUIT D'EVACUATION ORDINAIRE POUR UNE CUISINE COMMERCIALE**
[72] BOUDREAULT, JEAN-PIERRE, CA
[71] TRAGEC INC., CA
[22] 2015-05-05
[41] 2016-11-05

---

[21] **2,890,660**
[13] A1
[51] **Int.Cl. C23F 13/20 (2006.01)**
[25] EN
[54] **POWER RE-PROCESSING FOR CP, REGARDING AC MITIGATION USED TO CREATE/GENERATE DC PROTECTION**
[54] **REPRISE DE TRAITEMENT DE PUISSANCE DE CP, RELATIVEMENT A L'ATTENUATION CA EMPLOYEE POUR CREER OU GENERER UNE PROTECTION CC**
[72] STONE, CHRISTIEN R., CA
[71] STONE, CHRISTIEN R., CA
[22] 2015-05-05
[41] 2016-11-05

---

[21] **2,900,121**
[13] A1
[51] **Int.Cl. B28C 7/12 (2006.01) A61B 17/56 (2006.01) B01F 15/02 (2006.01) B28C 7/14 (2006.01)**
[25] EN
[54] **DEVICE FOR THE MIXING AND STORING OF POLYMETHYLMETHACRYLATE BONE CEMENT**
[54] **DISPOSITIF DESTINE AU MELANGE ET AU STOCKAGE DE CIMENT ORTHOPEDIQUE EN POLYMETHYLMETHACRYLATE**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[71] HERAEUS MEDICAL GMBH, DE
[22] 2015-08-11
[41] 2016-11-04
[30] DE (10 2015 106 899.0) 2015-05-04

[21] **2,910,287**
[13] A1
[51] **Int.Cl. A61K 36/074 (2006.01) A23L 2/52 (2006.01) C12N 1/06 (2006.01)**
[25] EN
[54] **SPORODERM-BREAKING METHOD FOR GANODERMA SPORE POWDER AND PRODUCTS OBTAINED BY THE SAME**
[54] **METHODE PERMETTANT DE CASSER LE SPORODERME EN VUE D'OBTENIR DE LA POUDRE DE SPORE DE GANODERME ET PRODUITS AINSI OBTENUS**
[72] HUANG, YUMING, CN
[72] TENG, JIAN, CN
[72] XU, LI, CN
[71] HUANG, YUMING, CN
[22] 2015-10-26
[41] 2016-10-30
[30] CN (201510217208.3) 2015-04-30

---

[21] **2,914,892**
[13] A1
[51] **Int.Cl. G02B 21/36 (2006.01) H04N 5/343 (2011.01) G02B 21/06 (2006.01) H04N 5/335 (2011.01) G01J 3/10 (2006.01) G01J 3/12 (2006.01) G01J 3/18 (2006.01) G01J 3/32 (2006.01) G01J 3/36 (2006.01)**
[25] EN
[54] **A SYSTEM, METHOD AND APPARATUS FOR ULTRA-RESOLVED ULTRA-WIDE FIELD-OF-VIEW MULTISPECTRAL AND HYPERSPECTRAL HOLOGRAPHIC MICROSCOPY**
[54] **UN SYSTEME, UNE METHODE ET UN APPAREIL DE MICROSCOPIE HOLOGRAPHIQUE HYPERSPECTRALE ET MULTISPECTRALE ULTRA RESOLUE A GRAND-ANGLE**
[72] KAZEMZADEH, FARNOUD, CA
[72] WONG, ALEXANDER SHEUNG LAI, CA
[71] KAZEMZADEH, FARNOUD, CA
[71] WONG, ALEXANDER SHEUNG LAI, CA
[22] 2015-12-09
[41] 2016-10-30
[30] US (62/155,416) 2015-04-30

---

[21] **2,920,208**
[13] A1
[51] **Int.Cl. B64D 13/00 (2006.01) B64D 11/00 (2006.01) F24F 13/06 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR INTEGRATED NOISE CONTROL AND FLOW CONTROL IN AN AIRCRAFT ENVIRONMENTAL CONTROL SYSTEM**
[54] **METHODES ET APPAREILS DE CONTROLE DU BRUIT INTEGRE ET DE CONTROLE DU FLUX DANS UN SYSTEME DE CONTROLE ENVIRONNEMENTAL D'UN AERONEF**
[72] BULTEMEIER, ERIC JAMES, US
[72] BARKER, GAIL MARY, US
[72] HLAVKA, BRIAN DALE, US
[72] JONES, RODERICK M., US
[71] THE BOEING COMPANY, US
[22] 2016-02-05
[41] 2016-11-01
[30] US (14/702,407) 2015-05-01

---

[21] **2,920,854**
[13] A1
[51] **Int.Cl. F16F 15/32 (2006.01)**
[25] EN
[54] **SHAFT BALANCING SYSTEM AND METHOD OF BALANCING A SHAFT**
[54] **MECANISME D'EQUILIBRAGE D'ARBRE ET METHODE D'EQUILIBRAGE D'ARBRE**
[72] ZHAI, YANG, US
[72] LEICHT, PHILLIP, US
[71] ARVINMERITOR TECHNOLOGY, LLC, US
[22] 2016-02-16
[41] 2016-10-30
[30] US (14/700,371) 2015-04-30

---

[21] **2,921,100**
[13] A1
[51] **Int.Cl. B05D 1/26 (2006.01) B05C 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND APPARATUSES FOR APPLYING VISCOUS FLUIDS TO COMPONENTS**
[54] **SYSTEMES, METHODES ET APPAREILS SERVANT A L'APPLICATION DE FLUIDES VISQUEUX A DES COMPOSANTES**
[72] ATSEBHA, SOLOMON, US
[72] BLUMENKRANTZ, MARK, US
[72] PRINGLE, JOHN WALTER, IV, US
[71] THE BOEING COMPANY, US
[22] 2016-02-17
[41] 2016-11-04
[30] US (14/703,779) 2015-05-04

---

[21] **2,921,114**
[13] A1
[51] **Int.Cl. G05B 19/4093 (2006.01) G05B 19/4099 (2006.01)**
[25] EN
[54] **MODEL-BASED DEFINITION FOR MACHINING AIRCRAFT PARTS**
[54] **DEFINITION FONDEE SUR UN MODELE SERVANT A USINER DES PIECES D'AERONEF**
[72] ERION, DONALD LEROY, US
[72] TURNER, DAVID RAY, US
[71] THE BOEING COMPANY, US
[22] 2016-02-17
[41] 2016-11-04
[30] US (14/703,425) 2015-05-04

---

[21] **2,921,529**
[13] A1
[51] **Int.Cl. E06B 9/42 (2006.01)**
[25] EN
[54] **BI-DIRECTIONAL CLUTCH WITH RETURN FEATURE**
[54] **EMBRAYAGE BIDIRECTIONNEL A FONCTION DE RETOUR**
[72] LI, ZHI, CA
[71] ZMC METAL COATING INC., CA
[22] 2016-02-22
[41] 2016-11-01
[30] US (62/155,776) 2015-05-01
[30] US (62/210,117) 2015-08-26

[21] **2,922,418**
[13] A1
[25] EN
[54] **ASSEMBLY OF AN AIRCRAFT STRUCTURE ASSEMBLY WITHOUT SHIMMING, LOCATING FIXTURES OR FINAL-HOLE-SIZE DRILL JIGS**
[54] **ASSEMBLAGE D'UN ENSEMBLE DE STRUCTURE D'AERONEF SANS CALES, FIXATIONS DE POSITIONNEMENT OU GABARITS DE PERCAGE DE TAILLE DE TROU FINAL**
[72] TURNER, DAVID RAY, US
[72] ERION, DONALD L., US
[72] FINCHAMP, TERESA M., US
[72] GOODMAN, GREGORY JON, US
[71] THE BOEING COMPANY, US
[22] 2016-03-02
[41] 2016-11-04
[30] US (14/703,550) 2015-05-04

---

[21] **2,923,081**
[13] A1
[51] **Int.Cl. B65D 55/02 (2006.01)**
[25] EN
[54] **DISPENSING TUBE ASSEMBLY WITH TAMPER INDICATION**
[54] **MECANISME DE TUBE DE DISTRIBUTION DOTE D'UN TEMOIN D'INVIOLABILITE**
[72] BROWNING, KENNETH J., JR., US
[71] SILGAN PLASTICS LLC, US
[22] 2016-03-08
[41] 2016-11-05
[30] US (14/704,642) 2015-05-05

---

[21] **2,924,933**
[13] A1
[51] **Int.Cl. F02C 7/28 (2006.01)**
[25] EN
[54] **SEALS FOR A GAS TURBINE ENGINE ASSEMBLY**
[54] **JOINTS D'ETANCHEITE DESTINES A UN MECANISME DE MOTEUR DE TURBINE A GAZ**
[72] SHI, JUN, US
[72] FREEMAN, TED J., US
[72] THOMAS, DAVID J., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2016-03-24
[41] 2016-10-30
[30] US (62/155,216) 2015-04-30

---

[21] **2,925,788**
[13] A1
[51] **Int.Cl. E01H 5/02 (2006.01) A01B 1/02 (2006.01) E02F 3/02 (2006.01)**
[25] EN
[54] **AUTOMATIC LIFT AND TOSS SHOVEL**
[54] **PELLE A SOULEVEMENT ET LANCEMENT AUTOMATIQUES**
[72] STENZEL, KENT, US
[72] CORDELL, DALE, US
[71] STENZEL, KENT, US
[22] 2016-03-31
[41] 2016-10-30
[30] US (14701498) 2015-04-30

---

[21] **2,925,993**
[13] A1
[51] **Int.Cl. G01F 1/74 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DETERMINING AN AMOUNT OF NON-CONDENSABLE GAS**
[54] **APPAREIL ET METHODE DE DETERMINATION D'UNE QUANTITE DE GAZ NON CONDENSABLE**
[72] JOHNSON, NICK, GB
[72] HUNT, GARETH, GB
[72] MCKENNA, PAUL, GB
[72] CHANNON, PAUL, GB
[71] SPIRAX-SARCO LIMITED, GB
[22] 2016-04-04
[41] 2016-10-30
[30] GB (1507439.6) 2015-04-30

---

[21] **2,925,999**
[13] A1
[51] **Int.Cl. F01D 9/04 (2006.01) F01D 11/08 (2006.01)**
[25] EN
[54] **FULL HOOP BLADE TRACK WITH FLANGED SEGMENTS**
[54] **RAINURE DE LAME PLEINE BOUCLE DOTEE DE SEGMENTS A BRIDE**
[72] VETTERS, DANIEL K., US
[72] SIPPEL, AARON D., US
[72] THOMAS, DAVID J., US
[72] EIFERT, ANDREW J., US
[72] DAVIS, PAUL A., GB
[72] JONES, SIMON L., GB
[72] HILLIER, STEVEN, GB
[72] BROADHEAD, PETER, GB
[72] DOYLE, JOSEPH, US
[72] JACQUINTO, MICHAEL, US
[72] THIBAULT, WESLEY, US
[72] SHI, JUN, US
[72] TOWNES, RODERICK, GB
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[71] ROLLS-ROYCE PLC, GB
[71] ROLLS-ROYCE HIGH TEMPERATURE COMPOSITES, INC., US
[22] 2016-04-04
[41] 2016-10-30
[30] US (62/155,237) 2015-04-30

---

[21] **2,926,505**
[13] A1
[51] **Int.Cl. H04W 4/04 (2009.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MAPPING PRODUCT LOCATIONS**
[54] **SYSTEME ET METHODE DE CARTOGRAPHIE D'EMPLACEMENT DE PRODUIT**
[72] JONES, MATTHEW ALLEN, US
[72] TAYLOR, ROBERT JAMES, US
[72] JONES, NICHOLAUS ADAM, US
[72] FLETTER, MARC ASHLEY, US
[72] SHIELDS, DANIEL R., US
[71] WAL-MART STORES, INC., US
[22] 2016-04-07
[41] 2016-11-04
[30] US (62/156,603) 2015-05-04

[21] **2,926,694**
[13] A1
[51] **Int.Cl. B29C 49/04 (2006.01) B29C 49/42 (2006.01) B29D 22/00 (2006.01)**
[25] EN
[54] **METHOD FOR MAKING A DUAL CHAMBER BOTTLE**
[54] **METHODE DE FABRICATION D'UNE BOUTEILLE A DOUBLE COMPARTIMENT**
[72] DIBIASIO, SERGIO, CA
[71] SILGAN PLASTICS LLC, US
[22] 2016-04-11
[41] 2016-10-30
[30] US (14/700,870) 2015-04-30

---

[21] **2,926,915**
[13] A1
[51] **Int.Cl. H05K 9/00 (2006.01) H01Q 17/00 (2006.01)**
[25] FR
[54] **DEVICE FOR ABSORBING ELECTROMAGNETIC WAVES DESIGNED TO BE SECURED TO A WALL**
[54] **DISPOSITIF D'ABSORPTION D'ONDES ELECTROMAGNETIQUES DESTINE A ETRE FIXE SUR UNE PAROI**
[72] THAIN, ANDREW, FR
[72] JABER, ANASS, FR
[72] HERVE, ALEXANDRE, FR
[71] AIRBUS OPERATIONS (S.A.S.), FR
[22] 2016-04-11
[41] 2016-10-30
[30] FR (15 53 909) 2015-04-30

---

[21] **2,927,219**
[13] A1
[51] **Int.Cl. B62D 24/00 (2006.01) B62D 21/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MOUNTING OBJECTS TO A STRUCTURE**
[54] **SYSTEMES ET METHODES D'INSTALLATION D'OBJETS A UNE STRUCTURE**
[72] SCHEPMANN, SENECA, US
[72] GOLPE, WILLIAM, US
[71] PROTERRA INC., US
[22] 2016-04-14
[41] 2016-11-01
[30] US (14/701,880) 2015-05-01

---

[21] **2,927,438**
[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 90/00 (2016.01) A61B 18/12 (2006.01)**
[25] EN
[54] **RF ABLATION WITH ACOUSTIC FEEDBACK**
[54] **ABLATION DE RF A RETROACTION ACOUSTIQUE**
[72] HOITINK, RYAN A., US
[72] ASHTON, JOHN HARDY, US
[72] CLARK, JEFFREY L., US
[72] CHUU, KELVIN, US
[72] SCHULTZ, JEFFREY, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-04-19
[41] 2016-11-04
[30] US (14/703,542) 2015-05-04

---

[21] **2,927,494**
[13] A1
[51] **Int.Cl. F02C 7/14 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **TURBINE ENGINE THERMAL MANAGEMENT**
[54] **GESTION DE LA CHALEUR DE MOTEUR DE TURBINE**
[72] MILLER, BRANDON WAYNE, US
[72] GLOVER, JEFFREY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-04-21
[41] 2016-10-30
[30] US (14/700,172) 2015-04-30

---

[21] **2,927,517**
[13] A1
[51] **Int.Cl. G05B 9/02 (2006.01) B64C 19/00 (2006.01) G05B 99/00 (2006.01) G06F 11/16 (2006.01)**
[25] EN
[54] **PROVIDING FAILOVER CONTROL ON A CONTROL SYSTEM**
[54] **FOURNITURE D'UNE COMMANDE DE BASCULEMENT SUR UN SYSTEME DE COMMANDE**
[72] LASSINI, STEFANO A.M., US
[72] THERIAULT, TIMOTHY JOHN, US
[72] DARNELL, MARK LAWRENCE, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2016-04-21
[41] 2016-10-30
[30] US (62/154,918) 2015-04-30
[30] US (15/095,285) 2016-04-11

---

[21] **2,927,545**
[13] A1
[51] **Int.Cl. H02P 13/00 (2006.01) G06Q 10/10 (2012.01) H01F 27/42 (2006.01) H02H 3/02 (2006.01) H02H 9/00 (2006.01)**
[25] EN
[54] **INTEGRATED TRANSFORMER HEALTH MONITORING ARCHITECTURE**
[54] **ARCHITECTURE DE SURVEILLANCE DE L'ETAT D'UN TRANSFORMATEUR INTEGRE**
[72] PAMULAPARTHY, BALAKRISHNA, IN
[72] MUTHUKRISHNAN, VIJAYASARATHI, CA
[72] VINAYAGAM, BALAMOUROUGAN, CA
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-04-21
[41] 2016-11-04
[30] US (14/703,533) 2015-05-04

---

[21] **2,927,606**
[13] A1
[51] **Int.Cl. E21B 33/03 (2006.01) E21B 33/068 (2006.01) E21B 36/00 (2006.01) H01B 9/06 (2006.01) H05B 6/52 (2006.01) H05B 6/62 (2006.01)**
[25] EN
[54] **RADIO FREQUENCY AND FLUID COUPLER FOR A SUBTERRANEAN ASSEMBLY AND RELATED METHODS**
[54] **COUPLEUR DE RADIO FREQUENCE ET DE FLUIDE DESTINE A UN DISPOSITIF SOUTERRAIN ET METHODES ASSOCIEES**
[72] WRIGHT, BRIAN N., US
[72] HEWIT, RAYMOND C., US
[72] DENVER, NATHAN S., US
[72] KOLVEK, STEPHEN J., US
[72] WHITE, ARTHUR H., US
[72] SMITH, BRIAN P., US
[71] HARRIS CORPORATION, US
[22] 2016-04-18
[41] 2016-10-30
[30] US (14/700,807) 2015-04-30

[21] **2,927,758**
[13] A1
[51] **Int.Cl. B62M 6/55 (2010.01)**
[25] EN
[54] **ELECTRIC BIKE POWERTRAIN WITH COMPOUND PLANETARY**
[54] **GROUPE PROPULSEUR D'UN VELO ELECTRIQUE DOTE D'UN PLANETAIRE COMPOSE**
[72] HAYSLETT, STEVEN L., US
[72] SWALES, SHAWN H., US
[71] GM GLOBAL TECHNOLOGY OPERATIONS LLC, US
[22] 2016-04-20
[41] 2016-11-01
[30] US (14/702,079) 2015-05-01

---

[21] **2,927,892**
[13] A1
[51] **Int.Cl. F02N 11/08 (2006.01) H01M 10/625 (2014.01) B60R 16/033 (2006.01) F02N 11/00 (2006.01)**
[25] EN
[54] **CAR STARTER WHICH WORKS UNDER VERY LOW TEMPERATURE AND A PROTECTION CIRCUIT THEREOF**
[54] **DEMARREUR D'AUTOMOBILE QUI FONCTIONNE A TRES BASSE TEMPERATURE ET UN CIRCUIT DE PROTECTION ASSOCIE**
[72] YANG, FENG-TAO, CN
[71] MODERN HOME LIGHTING, INC., CN
[22] 2016-04-22
[41] 2016-10-30
[30] CN (201520274043.9) 2015-04-30
[30] CN (201520274107.5) 2015-04-30

---

[21] **2,927,930**
[13] A1
[51] **Int.Cl. C09J 7/02 (2006.01)**
[25] EN
[54] **ADHESIVE TAPE FEATURING ADHESIVE WITH CONTINUOUS POLYMER PHASE**
[54] **RUBAN ADHESIF COMPORTANT UN ADHESIF A PHASE POLYMERE CONTINUE**
[72] SCHUH, CHRISTIAN, DE
[72] KEITE-TELGENBUSCHER, KLAUS, DE
[72] GABERT, CHRIS, DE
[72] BAI, MINYOUNG, DE
[71] TESA SE, DE
[22] 2016-04-22
[41] 2016-11-05
[30] DE (10 2015 208 314.4) 2015-05-05
[30] DE (10 2015 217 860.9) 2015-09-17

---

[21] **2,928,191**
[13] A1
[51] **Int.Cl. H04W 4/02 (2009.01) H04W 64/00 (2009.01)**
[25] EN
[54] **LOCATION BASED INFORMATION SERVICE APPLICATION**
[54] **APPLICATION DE SERVICE D'INFORMATION FONDEE SUR L'EMPLACEMENT**
[72] LABRIE, MARTIN, CA
[71] LABRIE, MARTIN, CA
[22] 2016-04-28
[41] 2016-11-01
[30] US (62/155,817) 2015-05-01

---

[21] **2,928,192**
[13] A1
[51] **Int.Cl. F03D 17/00 (2016.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING ROTOR ASYMMETRY**
[54] **SYSTEME ET METHODE DE DETECTION D'ASYMETRIE DE ROTOR**
[72] HONEKAMP, THORSTEN, DE
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-04-28
[41] 2016-11-04
[30] US (14/702,980) 2015-05-04

---

[21] **2,928,193**
[13] A1
[51] **Int.Cl. F02C 7/20 (2006.01) F01D 9/02 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **TURBINE COMPONENT CONNECTION WITH THERMALLY STRESS-FREE FASTENER**
[54] **RACCORD DE COMPOSANTE DE TURBINE A DISPOSITIF DE FIXATION SANS CONTRAINTE THERMIQUE**
[72] JAMISON, JOSHUA BRIAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-04-28
[41] 2016-11-05
[30] US (14/704,406) 2015-05-05

---

[21] **2,928,194**
[13] A1
[51] **Int.Cl. H02K 1/06 (2006.01) H02K 5/04 (2006.01)**
[25] EN
[54] **LAMINATED-BARREL STRUCTURE**
[54] **STRUCTURE DE BARIL LAMELLE**
[72] BRADLEY, STUART, GB
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LTD, GB
[22] 2016-04-28
[41] 2016-10-30
[30] GB (1507407.3) 2015-04-30

[21] **2,928,195**
[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 5/02 (2006.01)**
[25] EN
[54] **TURBINE DOVETAIL SLOT HEAT SHIELD**
[54] **PROTECTEUR THERMIQUE A FENTES EN QUEUE D'ARONDE POUR TURBINE**
[72] JENDRIX, RICHARD WILLIAM, US
[72] SCHUPPE, CHRISTOPHER THOMAS, US
[72] STOUGHTON, SAMUEL JOSEPH, US
[72] VAN DERVEN, CHRISTOPHER JOHN, US
[72] MCMILLAN, CHARLES THOMAS, US
[72] BIBLER, JOHN DAVID, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-04-28
[41] 2016-11-01
[30] US (14/702,097) 2015-05-01

---

[21] **2,928,218**
[13] A1
[51] **Int.Cl. B64C 19/00 (2006.01) B64C 25/00 (2006.01) B64C 27/00 (2006.01)**
[25] FR
[54] **CONTROL SYSTEM FOR ROTORCRAFT, ASSOCIATED ROTORCRAFT AND CORRESPONDING CONTROL METHOD**
[54] **SYSTEME DE COMMANDE DE GIRAVION, GIRAVION ASSOCIE ET METHODE DE COMMANDE CORRESPONDANTE**
[72] BYZERY, ROMEO, FR
[72] VALLART, JEAN-BAPTISTE, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2016-04-26
[41] 2016-11-04
[30] FR (15 00921) 2015-05-04

---

[21] **2,928,225**
[13] A1
[51] **Int.Cl. E03C 1/328 (2006.01) E03C 1/32 (2006.01)**
[25] EN
[54] **MOUNTING SYSTEM FOR SINK**
[54] **DISPOSITIF D'INSTALLATION D'UN EVIER**
[72] SNITIL, RYAN M., US
[71] MOEN INCORPORATED, US
[22] 2016-04-26
[41] 2016-11-01
[30] US (62/155,850) 2015-05-01
[30] US (62/269,926) 2015-12-18

---

[21] **2,928,295**
[13] A1
[51] **Int.Cl. F24D 7/00 (2006.01) C09K 5/10 (2006.01) F24D 3/02 (2006.01) F24D 19/10 (2006.01)**
[25] EN
[54] **HEATING SYSTEM WITH HIGH HEAT RETENTION TRANSFER FLUID**
[54] **APPAREIL DE CHAUFFAGE A FLUIDE DE TRANSFERT A FORTE RETENTION DE CHALEUR**
[72] MADEIRA, RONALD H., US
[71] MADEIRA, RONALD H., US
[22] 2016-04-27
[41] 2016-10-30
[30] US (62155431) 2015-04-30

---

[21] **2,928,296**
[13] A1
[51] **Int.Cl. C23C 28/00 (2006.01) C21D 1/34 (2006.01) C23C 30/00 (2006.01) C21D 7/06 (2006.01)**
[25] EN
[54] **MULTILAYER COATING**
[54] **REVETEMENT MULTICOUCHE**
[72] WAIBEL, CHRISTOF, DE
[72] KROGER, BENJAMIN, DE
[71] LIEBHERR-AEROSPACE LINDENBERG GMBH, DE
[22] 2016-04-27
[41] 2016-10-30
[30] DE (10 2015 005 625.5) 2015-04-30

---

[21] **2,928,333**
[13] A1
[51] **Int.Cl. H05K 5/02 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **ENCLOSURE DEVICE FOR DISPLAYS**
[54] **DISPOSITIF D'ENCEINTE D'AFFICHEURS**
[72] BOUISSIERE, MIKE, US
[72] DIVANFARD, ROSS, US
[71] PREMIER MOUNTS, US
[22] 2016-04-28
[41] 2016-10-30
[30] US (62/155240) 2015-04-30
[30] US (15/138658) 2016-04-26

---

[21] **2,928,356**
[13] A1
[51] **Int.Cl. A61B 17/12 (2006.01) A61F 2/04 (2013.01) A61F 2/06 (2013.01)**
[25] EN
[54] **EXPANDABLE VASCULAR OCCLUSION DEVICE WITH LEAD FRAMING COIL**
[54] **DISPOSITIF D'OCCLUSION VASCULAIRE DEPLOYABLE DOTE D'UNE BOBINE DE CADRAGE PRINCIPALE**
[72] LORENZO, JUAN, US
[72] GIRNARY, HUSSEIN, US
[72] SLAZAS, ROBERT, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
[22] 2016-04-28
[41] 2016-11-01
[30] US (14/701,695) 2015-05-01

---

[21] **2,928,360**
[13] A1
[51] **Int.Cl. B66D 1/40 (2006.01) B60P 7/08 (2006.01)**
[25] EN
[54] **A WINCH WITH AN ANTI-LOCKING STRUCTURE**
[54] **UN TREUIL DOTE D'UNE STRUCTURE ANTI-BLOCAGE**
[72] NIU, SHENGLIANG, CN
[71] ZHEJIANG TOPSUN LOGISTIC CONTROL CO., LTD., CN
[22] 2016-04-28
[41] 2016-10-30
[30] CN (CN201510218782.0) 2015-04-30

[21] **2,928,378**
[13] A1
[51] **Int.Cl. F16L 25/00 (2006.01) F16L 37/00 (2006.01)**
[25] EN
[54] **COLOR IDENTIFICATION SAFETY SYSTEM**
[54] **DISPOSITIF DE SECURITE A IDENTIFIANT PAR COULEUR**
[72] PATE, CHARLES MICHAEL, US
[72] DE ISABELLA, MICHELE, IT
[71] DIRECT PURCHASE QUICK COUPLINGS, INCORPORATED, US
[22] 2016-04-28
[41] 2016-11-01
[30] US (62/155,819) 2015-05-01

---

[21] **2,928,385**
[13] A1
[51] **Int.Cl. F21V 8/00 (2006.01) F21K 9/00 (2016.01) F21S 8/02 (2006.01) F21V 5/00 (2015.01) F21V 11/00 (2015.01) F21V 21/04 (2006.01)**
[25] EN
[54] **RECESSED WALL WASH LIGHT FIXTURE WITH GLARE CONTROL**
[54] **APPAREIL D'ECLAIRAGE A FAISCEAU POUR MUR EN CREUX DOTE DE CONTROLE D'EBLOUISSEMENT**
[72] CHEN, JIE, US
[72] HUGHES, JEFFREY PAIGE, US
[72] MARQUARDT, CRAIG EUGENE, US
[72] ONDA, JOSEPH J., US
[72] JUDA, MIKE KEN, US
[72] REILLY, JOHN M., US
[71] ABL IP HOLDING LLC, US
[22] 2016-04-28
[41] 2016-11-01
[30] US (14/702,157) 2015-05-01
[30] US (14/924,233) 2015-10-27

---

[21] **2,928,423**
[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR DISTRIBUTED PROCESSING**
[54] **SYSTEMES, *DISPOSITIFS ET* METHODES DE TRAITEMENT DISTRIBUE**
[72] CAUTION, STEPHEN TYLER, US
[72] RYNER, DOUGLAS JAHE, US
[71] WAL-MART STORES, INC., US
[22] 2016-04-29
[41] 2016-10-30
[30] US (62/155,106) 2015-04-30

---

[21] **2,928,424**
[13] A1
[51] **Int.Cl. C10G 45/10 (2006.01)**
[25] EN
[54] **CATALYSTS AND PROCESS FOR HYDRODESULFURIZATION**
[54] **CATALYSEURS ET PROCEDES D'HYDRODESULFURATION**
[72] SEMAGINA, NATALIA, CA
[72] ZIAEI-AZAD, HESSAM, CA
[71] GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[22] 2016-04-29
[41] 2016-11-05
[30] CA (2,889,960) 2015-05-05

---

[21] **2,928,453**
[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 33/12 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **DOWNHOLE SLEEVE ASSEMBLY AND SLEEVE ACTUATOR THEREFOR**
[54] **APPAREILLAGE DE MANCHON DE FOND DE TROU ET ACTIONNEUR DE MANCHON ASSOCIE**
[72] ANDREYCHUK, MARK, CA
[72] ANGMAN, PER, CA
[72] PETRELLA, ALLAN, CA
[72] PARKS, DAVID CHRISTOPHER, CA
[71] KOBOLD SERVICES INC., CA
[22] 2016-04-29
[41] 2016-10-30
[30] US (62/155,365) 2015-04-30

---

[21] **2,928,457**
[13] A1
[51] **Int.Cl. A61K 31/4174 (2006.01) A61K 9/08 (2006.01) A61K 31/167 (2006.01) A61P 11/02 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **FLAVORED ANALGESIC AND *DECONGESTANT SPRAY***
[54] **VAPORISATEUR DE DECONGESTIONNANT ET ANALGESIQUE AROMATISES**
[72] VATS, VEENA, US
[71] TRINITY ENT & FACIAL AESTHETICS, US
[22] 2016-04-29
[41] 2016-11-01
[30] US (62/156,081) 2015-05-01

---

[21] **2,928,463**
[13] A1
[51] **Int.Cl. F16L 3/02 (2006.01) F16L 1/06 (2006.01)**
[25] EN
[54] **A PIPE SUPPORT AND METHOD FOR SUPPORTING AND ORIENTATING A PIPE**
[54] **UN SUPPORT DE TUYAU ET UNE METHODE DE SUPPORT ET D'ORIENTATION D'UN TUYAU**
[72] ALLEN, GARETH MARK, AU
[71] ALLEN, GARETH MARK, AU
[22] 2016-04-29
[41] 2016-10-30
[30] AU (AU2015901541) 2015-04-30

[21] **2,928,475**
[13] A1
[51] **Int.Cl. H04W 8/20 (2009.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **INTEGRATED SYSTEM FOR PRODUCING PROCEDURAL DATA CHANGE SETS COMMUNICATED TO MULTIPLE CLIENT DEVICES**
[54] **SYSTEME INTEGRE SERVANT A PRODUIRE DES ENSEMBLES DE CHANGEMENT DE DONNEES DE PROCEDURE COMMUNIQUES A PLUSIEURS DISPOSITIFS CLIENTS**
[72] SPEAR, STEVE, US
[72] MORRISON, TONI D., US
[72] PARACCA, COREY, US
[72] DELLA PORTA, ANN M., US
[71] TELETRACKING TECHNOLOGIES, INC., US
[22] 2016-04-29
[41] 2016-10-30
[30] US (62/155,245) 2015-04-30

---

[21] **2,928,479**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01)**
[25] EN
[54] **COMPRESSOR SYSTEM AND AIRFOIL ASSEMBLY**
[54] **ENSEMBLE DE MECANISME DE COMPRESSION ET DE PROFIL DYNAMIQUE**
[72] RILEY, SHAWN PATRICK, US
[72] VAUGHN, ABIGAIL ROSE, US
[72] HU, HAIYUN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-04-29
[41] 2016-11-01
[30] US (14/702,021) 2015-05-01

---

[21] **2,928,483**
[13] A1
[51] **Int.Cl. G01J 1/02 (2006.01)**
[25] EN
[54] **SMALL VOLUME HIGH EMISSIVITY INFRARED CALIBRATION SOURCE SYSTEMS AND METHODS**
[54] **METHODES ET SYSTEMES DE SOURCE D'ETALONNAGE INFRAROUGE A HAUTE EMISSIVITE ET PETIT VOLUME**
[72] FORTIN, SERGE, CA
[72] BOUCHARD, ROBERT, CA
[72] MAISONNEUVE, MATHIEU, CA
[72] GRANDMONT, FREDERIC, CA
[71] ABB TECHNOLOGY AG, CH
[22] 2016-04-29
[41] 2016-11-01
[30] US (62/155,797) 2015-05-01

---

[21] **2,928,501**
[13] A1
[51] **Int.Cl. G06F 17/10 (2006.01) G06F 17/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MATHEMATICAL REGRESSION WITH INEXACT FEEDBACK**
[54] **SYSTEMES ET METHODES DE REGRESSION MATHEMATIQUE A RETROACTION INEXACTE**
[72] JOU, STEPHAN, CA
[72] PILKINGTON, SHAUN, CA
[71] INTERSET SOFTWARE INC., CA
[22] 2016-05-02
[41] 2016-11-01
[30] US (62/155,820) 2015-05-01

---

[21] **2,928,511**
[13] A1
[51] **Int.Cl. A61G 7/057 (2006.01) A47C 27/10 (2006.01) A47C 31/12 (2006.01)**
[25] EN
[54] **CUSHION WITH BLADDERS RUNNING DIFFERENT PRESSURIZATION MODES INSIDE AND OUTSIDE DYNAMICALLY SELECTED TARGET BLADDER GROUP**
[54] **COUSSIN DOTE DE VESSIES FONCTIONNANT SOUS DIFFERENTS MODES DE PRESSION A L'INTERIEUR ET A L'EXTERIEUR D'UN GROUPE DE VESSIES CIBLES SELECTIONNE DYNAMIQUEMENT**
[72] EVANS, DAVID RICHARD, CA
[72] ERIK, MARY LOU, CA
[72] LOBO, LYNDON M., CA
[71] 1834958 ALBERTA INC., CA
[22] 2016-05-02
[41] 2016-11-01
[30] US (15/056,639) 2016-02-29
[30] US (62/386,912) 2015-10-26
[30] US (62/179,195) 2015-05-01

---

[21] **2,928,558**
[13] A1
[51] **Int.Cl. B65D 5/43 (2006.01)**
[25] EN
[54] **CHILD RESISTANT LOCKING PACKAGING**
[54] **EMBALLAGE BLOQUANT A L'EPREUVE DES ENFANTS**
[72] SMITH, DANIEL T., US
[72] THIBAULT, RICHARD C., US
[71] MULTI PACKAGING SOLUTIONS, INC., US
[22] 2016-05-02
[41] 2016-11-04
[30] US (62/156,566) 2015-05-04

[21] **2,928,565**
[13] A1
[51] **Int.Cl. E21B 47/09 (2012.01) E21B 47/06 (2012.01) E21B 43/26 (2006.01)**
[25] EN
[54] **MEMORY BALLS FOR CAPTURING FRACTURING INFORMATION**
[54] **BALLES A MEMOIRE SERVANT A CAPTURER L'INFORMATION DE FRACTURATION**
[72] MOLENAAR, MENNO MATHIEU, CA
[72] LANGILLE, DAVID LINDSAY ALEXANDER, CA
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[22] 2016-04-28
[41] 2016-10-30
[30] US (62/155,173) 2015-04-30

---

[21] **2,928,588**
[13] A1
[51] **Int.Cl. F21V 21/22 (2006.01) F21V 29/60 (2015.01) F21K 9/23 (2016.01)**
[25] EN
[54] **LIGHTING FIXTURE EXTENSION**
[54] **RALLONGE D'APPAREIL D'ECLAIRAGE**
[72] TICKTIN, PETER, US
[72] WELIKY, ANDRE, US
[71] BRITE SHOT, INC., US
[22] 2016-05-02
[41] 2016-10-30
[30] US (14/701,127) 2015-04-30

---

[21] **2,928,596**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/22 (2012.01) G09B 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ASSESSING AND IMPROVING THE QUALITY OF CARE PROVIDED BY PHYSICIANS AND OTHER HEALTHCARE PROFESSIONALS IN THE WORKPLACE**
[54] **SYSTEME ET METHODE D'EVALUATION ET D'AMELIORATION DE LA QUALITE DES SOINS FOURNIS PAR LES MEDECINS ET AUTRES PROFESSIONNELS DE LA SANTE SUR LES LIEUX DE TRAVAIL**
[72] HARMON, LAWRENCE J., US
[71] HARMON, LAWRENCE J., US
[22] 2016-05-02
[41] 2016-11-01
[30] US (14/702,158) 2015-05-01

---

[21] **2,928,602**
[13] A1
[51] **Int.Cl. A61K 39/385 (2006.01) A61K 39/09 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07K 14/33 (2006.01) C07K 14/34 (2006.01)**
[25] EN
[54] **GROUP B STREPTOCOCCUS POLYSACCHARIDE-PROTEIN CONJUGATES, METHODS FOR PRODUCING CONJUGATES, IMMUNOGENIC COMPOSITIONS COMPRISING CONJUGATES, AND USES THEREOF**
[54] **CONJUGUES DE POLYSACCHARIDE-PROTEINE DE STREPTOCOQUE DU GROUPE B, METHODES DE PRODUCTION DES CONJUGUES, COMPOSITIONS IMMUNOGENES RENFERMANT LES CONJUGUES ET UTILISATIONS CONNEXES**
[72] ANDERSON, ANNALIESA SYBIL, US
[72] BHUPENDER BHALLA, AMARDEEP SINGH, US
[72] DONALD, ROBERT G.K., US
[72] GU, JIANXIN, US
[72] JANSEN, KATHRIN UTE, US
[72] KAINTHAN, RAJESH KUMAR, US
[72] KHANDKE, LAKSHMI, US
[72] KIM, JIN-HWAN, US
[72] LIBERATOR, PAUL, US
[72] PRASAD, AVVARI KRISHNA, US
[72] RUPPEN, MARK EDWARD, US
[72] SCULLY, INGRID LEA, US
[72] SINGH, SUDDHAM, US
[72] YANG, CINDY XUDONG, US
[71] PFIZER INC., US
[22] 2016-05-02
[41] 2016-11-04
[30] US (62/319,539) 2016-04-07
[30] US (62/237,820) 2015-10-06
[30] US (62,237,813) 2015-10-06
[30] US (62/156,500) 2015-05-04

[21] **2,928,603**
[13] A1
[51] **Int.Cl. F02C 7/04 (2006.01) F02C 7/045 (2006.01) F02C 7/24 (2006.01) F02K 1/82 (2006.01)**
[25] EN
[54] **COMPOSITE SPLITTER LIP FOR AXIAL TURBOMACHINE COMPRESSOR**
[54] **LEVRE DE DIVISEUR EN COMPOSITE POUR COMPRESSEUR DE TURBO AXIAL**
[72] BOUILLON, DAVID, BE
[72] HERBAUT, GHISLAIN, BE
[71] TECHSPACE AERO S.A., BE
[22] 2016-05-03
[41] 2016-11-04
[30] BE (2015/5282) 2015-05-04

---

[21] **2,928,605**
[13] A1
[51] **Int.Cl. H01F 1/147 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/10 (2006.01)**
[25] EN
[54] **ULTRA-LOW COBALT IRON-COBALT MAGNETIC ALLOYS**
[54] **ALLIAGES MAGNETIQUES DE FER ET COBALT A FAIBLE TENEUR EN COBALT**
[72] JAYARAMAN, TANJORE V., US
[71] CARPENTER TECHNOLOGY CORPORATION, US
[22] 2016-05-03
[41] 2016-11-04
[30] US (14/702,933) 2015-05-04

---

[21] **2,928,612**
[13] A1
[51] **Int.Cl. E21B 37/00 (2006.01) E21B 31/00 (2006.01)**
[25] EN
[54] **RECIPROCATING WELLBORE OBSTRUCTION-CLEARING TOOL AND BAILER**
[54] **OUTIL DE LIBERATION D'OBSTRUCTION D'UN TROU DE FORAGE A FONCTIONNEMENT ALTERNATIF ET CUILLER DE CURAGE**
[72] GOSSELIN, RANDY, CA
[72] MONTGOMERY, TREVOR J., CA
[72] SPRINGER, DUWAYNE, CA
[71] LONGHORN CASING TOOLS INC., CA
[22] 2016-05-03
[41] 2016-11-05
[30] US (62/157,004) 2015-05-05

---

[21] **2,928,648**
[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **DUAL SLEEVE STIMULATION TOOL**
[54] **OUTIL DE STIMULATION A MANCHON DOUBLE**
[72] GONZALEZ, DICK SALOMON, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2016-04-29
[41] 2016-11-04
[30] US (62/156,757) 2015-05-04

---

[21] **2,928,650**
[13] A1
[51] **Int.Cl. F27D 3/16 (2006.01) B01F 3/00 (2006.01) B01F 15/02 (2006.01)**
[25] EN
[54] **LANCE DRIVE SYSTEM**
[54] **MECANISME D'ENTRAINEMENT DE LANCE**
[72] TAYLOR, CURTIS, US
[71] OPTA MINERALS INC., CA
[22] 2016-04-29
[41] 2016-11-01
[30] US (62/155,815) 2015-05-01
[30] US (62/215,408) 2015-09-08
[30] US (62/316,786) 2016-04-01

---

[21] **2,928,670**
[13] A1
[51] **Int.Cl. C07D 239/56 (2006.01) A61K 31/513 (2006.01)**
[25] EN
[54] **2-THIOPYRIMIDINONES**
[54] **2-THIOPYRIMIDINONES**
[72] RUGGERI, ROGER, US
[71] PFIZER INC., US
[22] 2016-05-02
[41] 2016-11-05
[30] US (62/157,067) 2015-05-05

---

[21] **2,928,687**
[13] A1
[51] **Int.Cl. E04F 13/077 (2006.01) E04F 13/075 (2006.01) E04F 13/24 (2006.01)**
[25] EN
[54] **BUILDING PANEL**
[54] **PANNEAU DE CONSTRUCTION**
[72] JOHNSON, PATRICK, US
[72] MORRIS, GABRIEL, CA
[72] MARTIN, PETER, US
[72] HAMER, ANDREW, US
[72] GLANCY, BRIAN, CA
[71] KINGSPAN INSULATED PANELS, INC., US
[22] 2016-05-03
[41] 2016-11-04
[30] US (62/156,542) 2015-05-04
[30] US (15/142,277) 2016-04-29

---

[21] **2,928,704**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **SYSTEM FOR REDUCING VIBRATIONS IN A PRESSURE PUMPING FLEET**
[54] **DISPOSITIF DE REDUCTION DES VIBRATIONS DANS UNE FLOTTE D'APPAREILS DE POMPAGE A PRESSION**
[72] OEHRING, JARED, US
[72] KURTZ, ROBERT, US
[71] US WELL SERVICES LLC, US
[22] 2016-05-03
[41] 2016-11-03
[30] US (62/156,306) 2015-05-03

---

[21] **2,928,707**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 7/02 (2006.01)**
[25] EN
[54] **SUCTION AND DISCHARGE LINES FOR A DUAL HYDRAULIC FRACTURING UNIT**
[54] **CONDUIT D'ASPIRATION ET CONDUIT D'EVACUATION DESTINES A UN MODULE DE FRACTURATION HYDRAULIQUE DOUBLE**
[72] OEHRING, JARED, US
[72] KURTZ, ROBERT, US
[71] US WELL SERVICES LLC, US
[22] 2016-05-03
[41] 2016-11-03
[30] US (62/156,301) 2015-05-03

[21] **2,928,711**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 41/00 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **COLD WEATHER PACKAGE FOR OIL FIELD HYDRAULICS**
[54] **GARNITURE POUR TEMPS FROID DESTINEE AUX MACHINES HYDRAULIQUES DE CHAMP PETROLIER**
[72] OEHRING, JARED, US
[71] US WELL SERVICES LLC, US
[22] 2016-05-03
[41] 2016-11-03
[30] US (62/156,307) 2015-05-03

---

[21] **2,928,717**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 41/00 (2006.01) F04B 23/04 (2006.01) H02P 5/74 (2006.01) H02P 27/04 (2016.01)**
[25] EN
[54] **CABLE MANAGEMENT OF ELECTRIC POWERED HYDRAULIC FRACTURING PUMP UNIT**
[54] **GESTION DE CABLE D'UN MODULE DE POMPE DE FRACTURATION HYDRAULIQUE ALIMENTE A L'ELECTRICITE**
[72] OEHRING, JARED, US
[71] US WELL SERVICES LLC, US
[22] 2016-05-03
[41] 2016-11-03
[30] US (62/156,303) 2015-05-03

---

[21] **2,928,760**
[13] A1
[51] **Int.Cl. B64D 27/24 (2006.01) B64D 35/02 (2006.01) H02J 15/00 (2006.01) H02K 7/14 (2006.01) H02K 7/18 (2006.01) H02K 19/02 (2006.01) H02K 19/16 (2006.01) H02K 21/00 (2006.01) H02M 7/66 (2006.01)**
[25] EN
[54] **ELECTRIC DIRECT DRIVE FOR AIRCRAFT PROPULSION AND LIFT**
[54] **ENTRAINEMENT ELECTRIQUE DIRECT DESTINE A LA PROPULSION ET AU DECOLLAGE D'AERONEF**
[72] SIEGEL, WILLIAM L., US
[72] RODRIGUEZ, RIGOBERTO J., US
[72] BLACKWELDER, MARK J., US
[72] ALT, JOHN T., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2016-05-03
[41] 2016-11-05
[30] US (62/157,050) 2015-05-05

---

[21] **2,928,764**
[13] A1
[51] **Int.Cl. A47L 9/24 (2006.01) F16L 27/00 (2006.01)**
[25] EN
[54] **SWIVEL ASSEMBLY FOR A VACUUM ACCESSORY**
[54] **MECANISME A PIVOT DESTINE A UN ACCESSOIRE D'ASPIRATEUR**
[72] LUTZ, CHRISTOPHER, US
[72] SWINDALL, JAIME, US
[72] WILLIAMS, MATT, US
[71] EMERSON ELECTRIC CO., US
[22] 2016-05-04
[41] 2016-11-04
[30] US (62/156,521) 2015-05-04
[30] US (15/146,357) 2016-05-04

---

[21] **2,928,770**
[13] A1
[51] **Int.Cl. G01M 17/013 (2006.01) B60T 17/22 (2006.01) G01L 5/28 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING A WHEEL END CONDITION**
[54] **METHODE ET APPAREIL SERVANT A DETERMINER UNE CONDITION D'EXTREMITE DE LA ROUE**
[72] MACNAMARA, JOSEPH M., US
[72] WHITE, JEFFREY A., US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[22] 2016-05-03
[41] 2016-11-05
[30] US (14/703,930) 2015-05-05

---

[21] **2,928,800**
[13] A1
[51] **Int.Cl. F24F 13/02 (2006.01)**
[25] EN
[54] **FLANGE CORNER CLIP**
[54] **PINCE DE COIN DE BRIDE**
[72] MUTZENEEK, JAMES, CA
[71] MUTZENEEK, JAMES, CA
[22] 2016-05-04
[41] 2016-11-04
[30] US (62/156,590) 2015-05-04

---

[21] **2,928,821**
[13] A1
[51] **Int.Cl. A23L 7/187 (2016.01) A23L 7/183 (2016.01) A47J 37/00 (2006.01)**
[25] EN
[54] **CABLE DRIVE MANUAL POPCORN POPPER**
[54] **MACHINE A MAIS SOUFFLE MANUELLE DOTEE D'UN ENTRAINEMENT PAR CABLE**
[72] PALMER, NICHOLAS J., US
[71] VICTORIO, LLC, US
[22] 2016-05-04
[41] 2016-11-04
[30] US (62/156,890) 2015-05-04
[30] US (15/146,285) 2016-05-04

[21] **2,928,920**
[13] A1
[51] **Int.Cl. G06Q 20/26 (2012.01) G06F 12/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MANAGING PAYMENTS**
[54] **METHODES ET SYSTEMES DE GESTION DES PAIEMENTS**
[72] ROMM, ETTAN, CA
[72] MCCAW, LISA, CA
[71] D+H LIMITED PARTNERSHIP, CA
[22] 2016-05-04
[41] 2016-11-05
[30] US (62/157,300) 2015-05-05

---

[21] **2,928,993**
[13] A1
[51] **Int.Cl. B28B 7/24 (2006.01)**
[25] EN
[54] **METHOD AND MOLD FOR MANUFACTURING AN INTERLOCKING CONCRETE RETAINING WALL BLOCK**
[54] **METHODE ET MOULE DE FABRICATION DE BLOC MURAL DE RETENUE INTERBLOC EN BETON**
[72] MATYS, TYLER, CA
[71] RISI STONE INC., CA
[22] 2016-05-05
[41] 2016-11-05
[30] US (14/704621) 2015-05-05

---

[21] **2,929,023**
[13] A1
[51] **Int.Cl. A63F 3/06 (2006.01) G07C 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR PARTICIPATING IN A LOTTERY IMPLEMENTED BY A MOBILE TERMINAL**
[54] **METHODE DE PARTICIPATION A UNE LOTERIE MISE EN PLACE PAR UN TERMINAL MOBILE**
[72] RATIER, JEAN-BAPTISTE, FR
[72] HERBAUT, VINCENT, FR
[71] MORPHO, FR
[22] 2016-05-04
[41] 2016-11-04
[30] FR (15/53981) 2015-05-04

---

[21] **2,929,029**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TARGETED CONTENT PRESENTATION BASED ON SEARCH QUERY ANALYSIS**
[54] **SYSTEMES ET METHODES DE PRESENTATION DE CONTENU CIBLE FONDES SUR L'ANALYSE D'INTERROGATION DE RECHERCHE**
[72] TEMBY, DANIEL, CA
[71] DAC GROUP (HOLDINGS) LIMITED, CA
[22] 2016-05-04
[41] 2016-11-04
[30] US (62/156,712) 2015-05-04

---

[21] **2,929,157**
[13] A1
[51] **Int.Cl. H01H 71/02 (2006.01) H01H 33/53 (2006.01)**
[25] EN
[54] **MANUFACTURED PIECE FOR A GAS-INSULATED HIGH-VOLTAGE CIRCUIT BREAKER TANK WITH PARTICLE TRAPS AND TANK CONTAINING SUCH A PIECE**
[54] **PIECE FABRIQUEE DESTINEE A UNE ENCEINTE DE FUSIBLE DE CIRCUIT HAUTE TENSION ISOLEE AU GAZ DOTEE DE PIEGES A PARTICULES ET ENCEINTE RENFERMANT UNE TELLE PIECE**
[72] HERMOSILLO, VICTOR F., US
[72] CHOVANEC, ANDREW, US
[72] GROSICK, STEVEN, US
[72] SCHIRMER, MATTHIAS, US
[72] MCLAUGHLIN, KEITH, US
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[22] 2016-05-04
[41] 2016-11-05
[30] US (14/704,870) 2015-05-05

---

[21] **2,939,605**
[13] A1
[51] **Int.Cl. A63B 21/072 (2006.01)**
[25] EN
[54] **A VERSATILE, ERGONOMIC GRIP STRUCTURE CONSISTING OF PARALLEL BARS AND METHOD OF USE**
[54] **UNE STRUCTURE DE PREHENSION POLYVALENTE ET ERGONOMIQUE COMPOSEE DE BARRES PARALLELES ET METHODE D'UTILISATION**
[72] LEONIAK, JAMES T., CA
[71] LEONIAK, JAMES T., CA
[22] 2016-08-19
[41] 2016-11-03

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **2,900,827**
[13] A1
[51] **Int.Cl. F16L 11/11 (2006.01) F16L 11/15 (2006.01)**
[25] EN
[54] **TELESCOPIC HOSE**
[54] **TUYAU TELESCOPIQUE**
[72] ZHOU, FEILONG, CN
[72] ZHOU, XIAOWEI, CN
[71] HANGZHOU ZHENGLONG HOSE FACTORY, CN
[85] 2015-08-26
[86] 2015-04-24 (PCT/CN2015/077412)
[87] (2900827)

---

[21] **2,934,553**
[13] A1
[51] **Int.Cl. C07D 487/14 (2006.01) A61K 31/551 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **BENZODIAZEPINE DERIVATIVES, COMPOSITIONS, AND METHODS FOR TREATING COGNITIVE IMPAIRMENT**
[54] **DERIVES DE BENZODIAZEPINE, COMPOSITIONS ET PROCEDES DE TRAITEMENT DE LA DEFICIENCE COGNITIVE**
[72] MEKONNEN, BELEW, US
[72] BUTERA, JOHN A., US
[72] HUANG, JIANXING, US
[71] AGENEBIO, INC., US
[85] 2016-06-17
[86] 2014-12-19 (PCT/US2014/071644)
[87] (WO2015/095783)
[30] US (61/919,390) 2013-12-20
[30] US (61/919,394) 2013-12-20
[30] US (62/075,743) 2014-11-05

---

[21] **2,936,305**
[13] A1
[51] **Int.Cl. H04N 21/462 (2011.01) H04N 21/466 (2011.01) G08B 13/196 (2006.01)**
[25] EN
[54] **METHOD FOR PRESENTING DIGITAL MEDIA CONTENT AND APPARATUS**
[54] **METHODE DE PRESENTATION DE CONTENU MEDIA NUMERIQUE ET APPAREIL**
[72] EKSTRAND, SIMON, SE
[72] CHENG, CHENG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[71] EKSTRAND, SIMON, SE
[85] 2016-07-11
[86] 2015-07-15 (PCT/CN2015/084125)
[87] (2936305)
[30] CN (2015100720717) 2015-02-11

---

[21] **2,942,917**
[13] A1
[51] **Int.Cl. G01B 7/04 (2006.01) G01N 27/83 (2006.01)**
[25] EN
[54] **DEVICE FOR ANALYSIS OF SYNTHETIC ROPE OR CABLE, AND METHOD OF USE**
[54] **DISPOSITIF D'ANALYSE DE CORDE OU CABLE SYNTHETIQUE, ET PROCEDE D'UTILISATION**
[72] OUELLETTE, SYLVAIN, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA, CA
[85] 2016-09-15
[86] 2015-03-23 (PCT/CA2015/050221)
[87] (WO2015/149165)
[30] US (61/974,266) 2014-04-02
[30] US (62/093,542) 2014-12-18

---

[21] **2,943,570**
[13] A1
[51] **Int.Cl. H04N 21/233 (2011.01) G10L 19/008 (2013.01) H04R 3/12 (2006.01) H04S 3/00 (2006.01) H04S 7/00 (2006.01) H04R 5/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SCREEN RELATED AUDIO OBJECT REMAPPING**
[54] **APPAREIL ET PROCEDE POUR UN REMAPPAGE D'OBJET AUDIO ASSOCIE A UN ECRAN**
[72] FUEG, SIMONE, DE
[72] PLOGSTIES, JAN, DE
[72] DICK, SASCHA, DE
[72] HILPERT, JOHANNES, DE
[72] ROBILLIARD, JULIEN, DE
[72] KUNTZ, ACHIM, DE
[72] HOELZER, ANDREAS, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-09-22
[86] 2015-03-25 (PCT/EP2015/056417)
[87] (WO2015/144766)
[30] EP (14161819.9) 2014-03-26
[30] EP (14196769.5) 2014-12-08

---

[21] **2,943,574**
[13] A1
[51] **Int.Cl. A61K 9/10 (2006.01) A61K 31/7072 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **SOLID COMPOSITION COMPRISING AMORPHOUS SOFOSBUVIR**
[54] **COMPOSITION SOLIDE COMPRENANT DU SOFOSBUVIR AMORPHE**
[72] MARTIN, NOLWENN, AT
[71] SANDOZ AG, CH
[85] 2016-09-22
[86] 2015-04-02 (PCT/EP2015/057411)
[87] (WO2015/150561)
[30] EP (14163434.5) 2014-04-03

[21] **2,943,575**
[13] A1
[51] **Int.Cl. C07D 413/12 (2006.01) A61K 31/5377 (2006.01) A61P 25/00 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **MORPHOLIN-PYRIDINE DERIVATIVES**
[54] **DERIVES MORPHOLINE-PYRIDINE**
[72] GALLEY, GUIDO, DE
[72] PFLIEGER, PHILIPPE, FR
[72] NORCROSS, ROGER, CH
[72] CECERE, GIUSEPPE, CH
[72] SHEN, HONG, CN
[72] HU, YIMIN, CN
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-09-22
[86] 2015-04-27 (PCT/EP2015/059002)
[87] (WO2015/165835)
[30] CN (PCT/CN2014/076623) 2014-04-30

---

[21] **2,943,581**
[13] A1
[51] **Int.Cl. A61J 1/20 (2006.01)**
[25] EN
[54] **MIXING AND/OR TRANSFER DEVICE**
[54] **DISPOSITIF DE MELANGE ET/OU DE TRANSFERT**
[72] HENNINGER, PETER, DE
[72] KEHR, MARKUS, DE
[71] SFM MEDICAL DEVICES GMBH, DE
[85] 2016-09-22
[86] 2015-12-23 (PCT/EP2015/081196)
[87] (WO2016/107811)
[30] DE (10 2014 119 712.7) 2014-12-30
[30] DE (10 2015 107 312.9) 2015-05-11

---

[21] **2,943,585**
[13] A1
[51] **Int.Cl. B65D 45/06 (2006.01) B65D 55/06 (2006.01)**
[25] EN
[54] **MECHANICAL CLOSURE FOR BOTTLES**
[54] **FERMETURE MECANIQUE POUR BOUTEILLES**
[72] LIBERATI, DOMENICO, IT
[71] TAPI S.P.A., IT
[85] 2016-09-22
[86] 2015-03-23 (PCT/EP2015/056135)
[87] (WO2015/144642)
[30] IT (PD2014A000067) 2014-03-24

---

[21] **2,943,587**
[13] A1
[51] **Int.Cl. B64D 45/02 (2006.01) H01R 24/48 (2011.01) H01Q 1/28 (2006.01) H01Q 1/50 (2006.01)**
[25] EN
[54] **LIGHTNING PROTECTION FOR AIRCRAFT ANTENNA AVIONICS**
[54] **PROTECTION CONTRE LA FOUDRE POUR AVIONIQUE D'ANTENNE D'AVION**
[72] MOUPFOUMA, FIDELE, CA
[72] TSE, WILLIAM, CA
[71] BOMBARDIER INC., CA
[85] 2016-09-22
[86] 2015-03-24 (PCT/IB2015/052162)
[87] (WO2015/145359)
[30] US (61/971,847) 2014-03-28

---

[21] **2,943,592**
[13] A1
[51] **Int.Cl. B42D 1/00 (2006.01) B42D 25/24 (2014.01) B42D 25/333 (2014.01) B42D 25/45 (2014.01) B42D 3/06 (2006.01)**
[25] EN
[54] **SECURITY BOOKLET**
[54] **LIVRET DE SECURITE**
[72] SUGDON, MATTHEW CHARLES, GB
[72] PRACHAR, MICHAEL, GB
[72] WATSON, MICHAEL STEVEN, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
[85] 2016-09-22
[86] 2015-03-26 (PCT/GB2015/050904)
[87] (WO2015/145158)
[30] GB (1405510.7) 2014-03-27

---

[21] **2,943,598**
[13] A1
[51] **Int.Cl. A61K 31/397 (2006.01) A61P 21/00 (2006.01) A61P 25/28 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **S1P MODULATOR IMMEDIATE RELEASE DOSAGE REGIMEN**
[54] **REGIME POSOLOGIQUE DE MODULATEUR S1P A LIBERATION IMMEDIATE**
[72] LEGANGNEUX, ERIC, CH
[72] WALLSTROEM, ERIK, CH
[72] BOUILLOT, PHILIPPE MICHAEL RENE, CH
[72] REYNAUD, EMERIC, CH
[72] DAHLKE, FRANK, CH
[71] NOVARTIS AG, CH
[85] 2016-09-22
[86] 2015-04-08 (PCT/IB2015/052550)
[87] (WO2015/155709)
[30] US (61/977,816) 2014-04-10

---

[21] **2,943,614**
[13] A1
[51] **Int.Cl. A61K 8/63 (2006.01) A61K 8/60 (2006.01) A61Q 17/04 (2006.01) A61Q 19/04 (2006.01)**
[25] FR
[54] **COSMETIC AND/OR DERMATOLOGICAL COMPOSITION FOR COLOURING THE SKIN**
[54] **COMPOSITION COSMETIQUE ET/OU DERMATOLOGIQUE POUR LA COLORATION DE LA PEAU**
[72] BIZE, CECILE, FR
[72] PAILLASSE, MICHAEL, FR
[72] DE MEDINA, PHILIPPE, FR
[72] SILVENTE-POIROT, SANDRINE, FR
[72] POIROT, MARC, FR
[72] BLANZAT, MURIEL, FR
[72] RICO -LATTES, ISABELLE, FR
[72] PEREZ, EMILE, FR
[71] AFFICHEM, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE PAUL SABATIER - TOULOUSE III, FR
[85] 2016-09-22
[86] 2015-03-24 (PCT/FR2015/000065)
[87] (WO2015/144997)
[30] FR (14 00746) 2014-03-28

[21] **2,943,618**
[13] A1
[51] **Int.Cl. F02C 3/113 (2006.01) F02C 3/10 (2006.01) F02C 7/36 (2006.01)**
[25] FR
[54] **TURBOSHAFT ENGINE COMPRISING A CONTROLLED MECHANICAL COUPLING DEVICE, HELICOPTER EQUIPPED WITH SUCH A TURBOSHAFT ENGINE, AND METHOD FOR OPTIMISING THE ZERO-POWER SUPER-IDLE SPEEDOF SUCH A HELICOPTER**
[54] **TURBOMOTEUR COMPRENANT UN DISPOSITIF DE COUPLAGE MECANIQUE COMMANDE, HELICOPTERE EQUIPE D'UN TEL TURBOMOTEUR ET PROCEDE D'OPTIMISATION DU REGIME DE SUPER-RALENTI A PUISSANCE NULLE D'UN TEL HELICOPTERE**
[72] MARCONI, PATRICK, FR
[72] THIRIET, ROMAIN, FR
[72] SERGHINE, CAMEL, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[85] 2016-09-22
[86] 2015-03-20 (PCT/FR2015/050701)
[87] (WO2015/145045)
[30] FR (1452654) 2014-03-27

---

[21] **2,943,632**
[13] A1
[51] **Int.Cl. A61F 9/008 (2006.01) B23K 26/082 (2014.01)**
[25] EN
[54] **AUTOMATED CALIBRATION OF LASER SYSTEM AND TOMOGRAPHY SYSTEM WITH FLUORESCENT IMAGING OF SCAN PATTERN**
[54] **ETALONNAGE AUTOMATISE DE SYSTEME LASER ET SYSTEME DE TOMOGRAPHIE AU MOYEN D'UNE IMAGERIE FLUORESCENTE DE MOTIF DE BALAYAGE**
[72] SIMONEAU, MICHAEL, US
[72] HART, JOHN SCOT, US
[72] SCHUELE, GEORG, US
[71] OPTIMEDICA CORPORATION, US
[85] 2016-09-22
[86] 2015-03-24 (PCT/US2015/022174)
[87] (WO2015/148462)
[30] US (61/969,688) 2014-03-24

---

[21] **2,943,647**
[13] A1
[51] **Int.Cl. H04N 19/31 (2014.01) H04N 19/115 (2014.01) H04N 19/124 (2014.01) H04N 19/14 (2014.01) H04N 19/172 (2014.01) H04N 19/177 (2014.01) H04N 19/187 (2014.01) H04N 19/577 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING RATE CONTROL IN ADVANCED CODING SCHEMES**
[54] **PROCEDE ET APPAREIL DE CODAGE DE COMMANDE DE DEBIT DANS DES SCHEMAS DE CODAGE AVANCES**
[72] WANG, LIMIN, US
[72] YU, YUE, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2016-09-22
[86] 2015-03-27 (PCT/US2015/022901)
[87] (WO2015/148875)
[30] US (61/971,055) 2014-03-27
[30] US (14/670,472) 2015-03-27

---

[21] **2,943,659**
[13] A1
[51] **Int.Cl. C07D 498/10 (2006.01) A61K 31/444 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01) C07D 417/14 (2006.01) C07D 471/10 (2006.01) C07D 471/20 (2006.01)**
[25] EN
[54] **PYRIDYL PIPERIDINES**
[54] **PYRIDYL-PIPERIDINES**
[72] SCHIEMANN, KAI, DE
[72] STIEBER, FRANK, DE
[72] CALDERINI, MICHEL, DE
[72] BLAGG, JULIAN, GB
[72] MALLINGER, AURELIE, FR
[72] WAALBOER, DENNIS, NL
[72] RINK, CHRISTIAN, DE
[72] CRUMPLER, SIMON ROSS, GB
[71] MERCK PATENT GMBH, DE
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[85] 2016-09-23
[86] 2015-03-10 (PCT/EP2015/000528)
[87] (WO2015/144290)
[30] EP (14001145.3) 2014-03-27

---

[21] **2,943,662**
[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01)**
[25] EN
[54] **IGFBP7 FOR DIAGNOSING DIASTOLIC DYSFUNCTION**
[54] **IGFBP7 POUR LE DIAGNOSTIC D'UN DYSFONCTIONNEMENT DIASTOLIQUE**
[72] KARL, JOHANN, DE
[72] WIENHUES-THELEN, URSULA-HENRIKE, DE
[72] BLOCK, DIRK, DE
[72] ZAUGG, CHRISTIAN, CH
[72] BRUNNER, HANS-PETER, CH
[72] JANUZZI, JAMES, US
[72] ZIEGLER, ANDRE, CH
[72] BRAZ, JULIAN, US
[72] DIETERLE, THOMAS, DE
[72] KAISER, EDELGARD, CH
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 2016-09-23
[86] 2015-03-25 (PCT/EP2015/056418)
[87] (WO2015/144767)
[30] EP (14161732.4) 2014-03-26

---

[21] **2,943,663**
[13] A1
[51] **Int.Cl. D21C 9/10 (2006.01) D21B 1/04 (2006.01) D21B 1/06 (2006.01) D21B 1/12 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING BLEACHED WOOD FIBRE MATERIAL**
[54] **PROCEDE DE PRODUCTION DE PATE DE BOIS BLANCHIE**
[72] ERREN, STEFAN, DE
[72] SCHONHABER, DIETER, DE
[72] SCHACHTL, MARTIN, DE
[72] OSIPOV, PAVEL VASSILIEVITCH, RU
[71] BASF SE, DE
[85] 2016-09-23
[86] 2015-03-13 (PCT/EP2015/055275)
[87] (WO2015/144455)
[30] EP (14161583.1) 2014-03-25

[21] **2,943,674**
[13] A1
[51] **Int.Cl. D21C 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR HANDLING SPENT WASH SOLUTION OF A LIGNIN-RECOVERY PROCESS**
[54] **PROCEDE DE TRAITEMETN D'UNE SOLUTION DE LAVAGE USEE D'UN PROCESSUS DE RECUPERATION DE LIGNINE**
[72] MCKEOUGH, PATERSON, FI
[71] ANDRITZ OY, FI
[85] 2016-09-23
[86] 2015-03-27 (PCT/FI2015/050212)
[87] (WO2015/150626)
[30] FI (20145323) 2014-04-03

---

[21] **2,943,680**
[13] A1
[51] **Int.Cl. B29B 11/14 (2006.01) B29B 11/08 (2006.01) B29C 45/56 (2006.01)**
[25] EN
[54] **INJECTION MOLDED PREFORM AND MANUFACTURE THEREOF**
[54] **PREFORME MOULEE PAR INJECTION ET PROCEDE DE FABRICATION ASSOCIE**
[72] CLARKE, PETER REGINALD, GB
[71] GR8 ENGINEERING LIMITED, GB
[85] 2016-09-23
[86] 2015-03-27 (PCT/EP2015/056802)
[87] (WO2015/144915)
[30] GB (1405636.0) 2014-03-28

---

[21] **2,943,682**
[13] A1
[51] **Int.Cl. A61K 31/5025 (2006.01) A61K 31/498 (2006.01) A61K 31/4985 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATIONS**
[54] **COMBINAISONS**
[72] JOVCHEVA, ELEONORA, BE
[72] PERERA, TIMOTHY PIETRO SUREN, BE
[71] ASTEX THERAPEUTICS LTD, GB
[85] 2016-09-23
[86] 2015-03-26 (PCT/EP2015/056512)
[87] (WO2015/144804)
[30] EP (14161835.5) 2014-03-26

---

[21] **2,943,683**
[13] A1
[51] **Int.Cl. C07D 403/14 (2006.01) A61K 31/5513 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **QUINOXALINE DERIVATIVES USEFUL AS FGFR KINASE MODULATORS**
[54] **DERIVES DE QUINOXALINE UTILES EN TANT QUE MODULATEURS DE LA KINASE FGFR**
[72] VERMEULEN, WIM, BE
[72] HOSTYN, STEVEN ANNA, BE
[72] CUYCKENS, FILIP ALBERT CELINE, BE
[72] JONES, RUSSELL MARK, CH
[72] BROGGINI, DIEGO FERNANDO DOMENICO, CH
[71] ASTEX THERAPEUTICS LTD, GB
[85] 2016-09-23
[86] 2015-03-26 (PCT/EP2015/056507)
[87] (WO2015/144803)
[30] EP (14161820.7) 2014-03-26

---

[21] **2,943,687**
[13] A1
[51] **Int.Cl. A61K 31/53 (2006.01) A61K 31/498 (2006.01) A61K 31/4985 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATIONS OF AN FGFR INHIBITOR AND AN IGF1R INHIBITOR**
[54] **COMBINAISONS D'UN INHIBITEUR DE FGFR ET D'UN INHIBITEUR D'IGF1R**
[72] JOVCHEVA, ELEONORA, BE
[72] PERERA, TIMOTHY PIETRO SUREN, BE
[71] ASTEX THERAPEUTICS LTD, GB
[85] 2016-09-23
[86] 2015-03-26 (PCT/EP2015/056518)
[87] (WO2015/144808)
[30] EP (14161841.3) 2014-03-26

---

[21] **2,943,699**
[13] A1
[51] **Int.Cl. C07C 321/22 (2006.01) C07C 319/28 (2006.01)**
[25] EN
[54] **AMORPHOUS FORM OF A THIOCOLCHICINE DERIVATIVE**
[54] **FORME AMORPHE D'UN DERIVE DE LA THIOCOLCHICINE**
[72] CABRI, WALTER, IT
[72] PETERLONGO, FEDERICO, IT
[72] CICERI, DANIELE, IT
[72] GAMBINI, ANDREA, IT
[71] INDENA S.P.A., IT
[85] 2016-09-23
[86] 2015-03-26 (PCT/EP2015/056658)
[87] (WO2015/144857)
[30] EP (14161945.2) 2014-03-27

---

[21] **2,943,706**
[13] A1
[51] **Int.Cl. B29D 30/32 (2006.01)**
[25] EN
[54] **TYRE CARCASS BUILDING DRUM**
[54] **TAMBOUR DE CONFECTION DE CARCASSE DE PNEU**
[72] BALDONI, VISCARDO, IT
[72] BOSCOLO, FLAVIO, IT
[72] PIZZINI, DANILO, IT
[71] MARANGONI MECCANICA S.P.A., IT
[85] 2016-09-23
[86] 2015-03-24 (PCT/IB2015/052159)
[87] (WO2015/145356)
[30] IT (TO2014A000240) 2014-03-24

---

[21] **2,943,710**
[13] A1
[51] **Int.Cl. C08L 1/02 (2006.01) A23L 29/30 (2016.01) A23P 10/20 (2016.01) A01G 13/00 (2006.01) A01N 25/10 (2006.01) A61K 8/73 (2006.01) A61K 47/38 (2006.01) C05G 3/00 (2006.01)**
[25] EN
[54] **NANOCRYSTALINE CELLULOSE AS ABSORBENT AND ENCAPSULATION MATERIAL**
[54] **CELLULOSE NANOCRISTALLINE UTILISEE COMME MATERIAU ABSORBANT ET D'ENCAPSULATION**
[72] LAPIDOT, SHAUL, IL
[71] MELODEA LTD., IL
[85] 2016-09-23
[86] 2015-03-26 (PCT/IL2015/050320)
[87] (WO2015/145442)
[30] US (61/970,965) 2014-03-27

[21] **2,943,716**
[13] A1
[51] **Int.Cl. C08J 5/12 (2006.01) D01F 6/60 (2006.01) D06B 9/00 (2006.01) D06M 13/00 (2006.01) D06M 23/10 (2006.01)**
[25] EN
[54] **METHOD FOR WELDING ARAMID / ARAMID FIBERS**
[54] **PROCEDE DE SOUDAGE D'ARAMIDE ET DE FIBRES D'ARAMIDE**
[72] KALB, ROLAND, AT
[72] SCHMIDT, BURGHARDT, CH
[71] PROIONIC GMBH, AT
[85] 2016-09-23
[86] 2015-04-16 (PCT/EP2015/058337)
[87] (WO2015/158866)
[30] EP (14164901.2) 2014-04-16

---

[21] **2,943,719**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12N 15/62 (2006.01) C12N 15/79 (2006.01) C12N 15/85 (2006.01) C12P 21/02 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCTION OF POLYPEPTIDES**
[54] **PROCEDE DE PRODUCTION DE POLYPEPTIDES**
[72] GOEPFERT, ULRICH, DE
[72] MORITZ, BENJAMIN, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-09-23
[86] 2015-05-18 (PCT/EP2015/060880)
[87] (WO2015/177084)
[30] EP (14168901.8) 2014-05-19
[30] EP (14191705.4) 2014-11-04

---

[21] **2,943,720**
[13] A1
[51] **Int.Cl. A44B 18/00 (2006.01) A61F 13/15 (2006.01) A61F 13/62 (2006.01) B32B 5/06 (2006.01) B32B 37/00 (2006.01)**
[25] EN
[54] **METHOD FOR JOINING AT LEAST TWO ASSEMBLIES, AND CORRESPONDING JOINED STRUCTURE**
[54] **PROCEDE D'ASSEMBLAGE D'AU MOINS DEUX ENSEMBLES ET STRUCTURE ASSEMBLEE CORRESPONDANTE**
[72] BOSSER, DAMIEN PIERRE ANTOINE, FR
[71] APLIX, FR
[85] 2016-09-23
[86] 2015-04-02 (PCT/FR2015/050867)
[87] (WO2015/150709)
[30] FR (1452957) 2014-04-03

---

[21] **2,943,722**
[13] A1
[51] **Int.Cl. A61B 17/3209 (2006.01) A61B 17/34 (2006.01) A61F 9/007 (2006.01)**
[25] EN
[54] **MEDICAL DEVICE FOR TISSUE REMOVAL**
[54] **DISPOSITIF MEDICAL D'ENLEVEMENT DE TISSU**
[72] LAVI, GILAD, IL
[72] GLOVINSKY, YOSEPH, IL
[72] SHMUKLER, VADIM, IL
[72] ISRAELI, NIR, IL
[71] TEL HASHOMER MEDICAL RESEARCH INFRASTRUCTURE AND SERVICES LTD., IL
[71] SANOCULIS LTD., IL
[85] 2016-09-23
[86] 2015-03-26 (PCT/IL2015/050324)
[87] (WO2015/145444)
[30] IL (231751) 2014-03-27

---

[21] **2,943,733**
[13] A1
[51] **Int.Cl. B01F 17/52 (2006.01) B01J 13/08 (2006.01)**
[25] EN
[54] **NOVEL POLYMER-BASED HYDROTROPES FOR HYDROPHOBIC DRUG DELIVERY**
[54] **NOUVEAUX AGENTS HYDROTROPES A BASE DE POLYMERE POUR ADMINISTRATION DE MEDICAMENTS HYDROPHOBES**
[72] YING, WENBIN, US
[72] TSANG, KWOK YIN, US
[72] BAI, HAO, US
[72] YIN, HAIQING, US
[72] LIU, JIHUA, US
[72] WANG, LI, US
[71] NITTO DENKO CORPORATION, JP
[85] 2016-09-23
[86] 2014-09-01 (PCT/JP2014/004480)
[87] (WO2015/155810)
[30] US (61/976,354) 2014-04-07

---

[21] **2,943,746**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **FLAVOURED NICOTINE POWDER INHALER**
[54] **INHALATEUR DE POUDRE DE NICOTINE AROMATISEE**
[72] ZINOVIK, IHAR NIKOLAEVICH, CH
[72] ZUBER, GERARD, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2016-09-23
[86] 2015-04-23 (PCT/IB2015/001283)
[87] (WO2015/166350)
[30] US (61/984,968) 2014-04-28
[30] EP (14166210.6) 2014-04-28

[21] **2,943,792**
[13] A1
[51] **Int.Cl. C07H 19/14 (2006.01) A61K 31/706 (2006.01) A61K 31/7064 (2006.01) A61K 31/7076 (2006.01) A61P 31/18 (2006.01) C07D 487/04 (2006.01) C07F 9/6558 (2006.01)**
[25] EN
[54] **4'-SUBSTITUTED NUCLEOSIDE-DERIVATIVES AS HIV REVERSE TRANSCRIPTASE INHIBITORS**
[54] **DERIVES NUCLEOSIDIQUES 4'-SUBSTITUES UTILISES COMME INHIBITEURS DE LA TRANSCRIPTASE INVERSE DU VIH**
[72] GIRIJAVALLABHAN, VINAY M., US
[72] OLSEN, DAVID B., US
[72] ZHANG, ZHIBO, CN
[72] FU, JIANMIN, CN
[72] TANG, BING-YU, CN
[71] MERCK SHARP & DOHME CORP., US
[85] 2016-09-23
[86] 2015-03-26 (PCT/US2015/022621)
[87] (WO2015/148746)
[30] CN (PCT/CN2014/074294) 2014-03-28

---

[21] **2,943,807**
[13] A1
[51] **Int.Cl. A61F 9/007 (2006.01) A61B 3/10 (2006.01) A61B 3/117 (2006.01) A61B 3/14 (2006.01) A61F 9/008 (2006.01)**
[25] EN
[54] **CONFOCAL LASER EYE SURGERY SYSTEM**
[54] **SYSTEME DE CHIRURGIE OCULAIRE PAR LASER CONFOCAL**
[72] SCHUELE, GEORG, US
[72] BAREKET, NOAH, US
[72] DEWEY, DAVID, US
[72] HART, JOHN S., US
[72] GONZALEZ, JAVIER G., US
[72] WOO, RAYMOND, US
[72] TEISSEYRE, THOMAS Z., US
[72] GOLDA, JEFFREY A., US
[72] SHEEHY, KATRINA B., US
[72] O'MEARA, MADELEINE C., US
[72] WOODLEY, BRUCE, US
[71] OPTIMEDICA CORPORATION, US
[85] 2016-09-23
[86] 2014-12-19 (PCT/US2014/071392)
[87] (WO2015/147925)
[30] US (61/970,854) 2014-03-26
[30] US (62/043,749) 2014-08-29

---

[21] **2,943,808**
[13] A1
[51] **Int.Cl. A61K 9/10 (2006.01) A61K 31/506 (2006.01) A61K 47/32 (2006.01) A61P 35/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL FORMULATIONS OF A PAN-RAF KINASE INHIBITOR, PROCESSES FOR THEIR PREPARATION, AND METHODS OF USE**
[54] **FORMULATION PHARMACEUTIQUE D'UN INHIBITEUR DE LA KINASE PAN-RAF, SES PROCEDES DE PREPARATION, ET PROCEDES D'UTILISATION**
[72] BRAKE, RACHAEL L., US
[72] BOZON, VIVIANA, US
[72] CHOW, CHING-KUO J., US
[72] DINUNZIO, JAMES C., US
[72] GALVIN, KATHERINE M., US
[72] KANNAN, KARUPPIAH, US
[72] KODONO, YUKI, JP
[72] XU, QUNLI, US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
[85] 2016-09-23
[86] 2015-03-26 (PCT/US2015/022792)
[87] (WO2015/148828)
[30] US (61/970,595) 2014-03-26
[30] US (62/048,527) 2014-09-10
[30] PK (162/2015) 2015-03-25
[30] UY (36.046) 2015-03-25

---

[21] **2,943,824**
[13] A1
[51] **Int.Cl. C07D 213/79 (2006.01) A61K 31/395 (2006.01) A61K 31/44 (2006.01) A61K 31/4436 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/4545 (2006.01) A61K 31/4985 (2006.01) A61K 31/501 (2006.01) A61K 31/506 (2006.01) A61K 31/551 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 409/12 (2006.01) C07D 417/12 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **INHIBITORS OF HISTONE DEMETHYLASES**
[54] **INHIBITEURS D'HISTONES DEMETHYLASES**
[72] LABELLE, MARC, US
[72] BOESEN, THOMAS, DK
[72] ZHANG, RUI, CA
[72] MARTYR, CUTHBERT D., CA
[72] SARASWAT, NEERJA, CA
[71] GILEAD SCIENCES, INC., US
[85] 2016-09-23
[86] 2015-03-30 (PCT/US2015/023407)
[87] (WO2015/153498)
[30] US (61/972,972) 2014-03-31

[21] **2,943,834**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 14/71 (2006.01) C07K 16/22 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY COMPRISING ANTI-ANGIOGENESIS AGENTS AND OX40 BINDING AGONISTS**
[54] **THERAPIE COMBINATOIRES COMPRENANT DES AGENTS ANTI-ANGIOGENESE ET DES AGONISTES SE LIANT A OX40**
[72] WALSH, KEVIN, US
[72] DE ALMEIDA, PATRICIA, US
[72] DU, CHANGCHUN, US
[72] KIM, JEONG, US
[72] ZHU, JING, US
[72] BEVERS, JACK, III, US
[72] ANDYA, JAMES, US
[72] SHEN, YE, US
[71] GENENTECH, INC., US
[85] 2016-09-23
[86] 2015-03-30 (PCT/US2015/023434)
[87] (WO2015/153514)
[30] US (61/973,193) 2014-03-31
[30] US (61/989,448) 2014-05-06
[30] US (62/073,873) 2014-10-31
[30] US (62/080,171) 2014-11-14
[30] US (62/113,345) 2015-02-06

---

[21] **2,943,845**
[13] A1
[51] **Int.Cl. A22C 25/02 (2006.01) A23L 17/00 (2016.01) A22C 25/00 (2006.01) A23J 3/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING SURIMI WITH REDUCED LOSS OF MYOFIBRILLAR PROTEIN**
[54] **PROCEDE DE PRODUCTION DE SURIMI A PERTE REDUITE DE PROTEINES MYOFIBRILLAIRES**
[72] RILEY, CHRISTOPHER CAMPBELL, US
[72] JOENSEN, METTE KRISTINA, DK
[71] DANISH TECHNOLOGY CENTER-DANTECH APS, DK
[85] 2016-09-26
[86] 2015-03-26 (PCT/EP2015/056608)
[87] (WO2015/144839)
[30] US (61/970,791) 2014-03-26
[30] DK (PA 2014 70270) 2014-05-01

---

[21] **2,943,847**
[13] A1
[51] **Int.Cl. D21H 27/02 (2006.01) D21F 5/00 (2006.01) D21F 11/00 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURES**
[54] **STRUCTURES FIBREUSES**
[72] MALADEN, RYAN DOMINIC, US
[72] POLAT, OSMAN, US
[72] WERTH, ANJA, US
[72] MANIFOLD, JOHN ALLEN, US
[72] MELLIN, ANDRE, US
[72] BARKEY, DOUGLAS JAY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-09-23
[86] 2015-03-19 (PCT/US2015/021356)
[87] (WO2015/148230)
[30] US (14/224,224) 2014-03-25

---

[21] **2,943,850**
[13] A1
[51] **Int.Cl. C07C 51/353 (2006.01) B01J 21/00 (2006.01) B01J 35/10 (2006.01) C10G 3/00 (2006.01) C10G 50/00 (2006.01)**
[25] EN
[54] **METHOD FOR CATALYTIC CONVERSION OF KETOACIDS AND HYDROTREAMENT TO HYDROCARBONS**
[54] **PROCEDE POUR LA CONVERSION CATALYTIQUE DE CETOACIDES ET L'HYDRO-TRAITEMENT AUX HYDROCARBURES**
[72] LINDBLAD, MARINA, FI
[72] IKONEN, ELIAS, FI
[72] SELANTAUS, MAARIA, FI
[72] KALDSTROM, MATS, FI
[71] NESTE OIL OYJ, FI
[85] 2016-09-26
[86] 2015-03-26 (PCT/EP2015/056655)
[87] (WO2015/144856)
[30] EP (14161793.6) 2014-03-26
[30] EP (14199725.4) 2014-12-22

---

[21] **2,943,852**
[13] A1
[51] **Int.Cl. A61K 51/12 (2006.01) B82Y 5/00 (2011.01) A61K 47/30 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NANOSTRUCTURES AND APPLICATIONS THEREOF**
[54] **NANOSTRUCTURES ET LEURS APPLICATIONS**
[72] AXELSSON, OSKAR, SE
[72] BACKSTROM, SANIA, SE
[72] PETORAL, RODRIGO, JR., SE
[71] SPAGO NANOMEDICAL AB, SE
[85] 2016-09-26
[86] 2015-03-27 (PCT/EP2015/056739)
[87] (WO2015/144891)
[30] EP (14162399.1) 2014-03-28

---

[21] **2,943,857**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 7/00 (2006.01) C07K 16/18 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **ANTIBODIES AGAINST HPA-1A**
[54] **ANTICORPS ANTI-HPA-1A**
[72] MICHAELSEN, TERJE, NO
[72] IHLE, OISTEIN, NO
[72] STUGE, TOR BRYNJAR, NO
[72] HUSEBEKK, ANNE, NO
[72] TILLER, HEIDI, NO
[72] EKSTEEN, MARIANA, NO
[72] SKOGEN, BJORN RAGNAR, NO
[71] UNIVERSITETET I TROMSO - NORGES ARKTISKE UNIVERSITET, NO
[71] UNIVERSITY HOSPITAL OF NORTH NORWAY, NO
[71] NORINNOVA TECHNOLOGY TRANSFER AS, NO
[85] 2016-09-26
[86] 2015-03-31 (PCT/EP2015/057102)
[87] (WO2015/150417)
[30] GB (1405775.6) 2014-03-31
[30] GB (1417614.3) 2014-10-06

[21] **2,943,862**
[13] A1
[51] **Int.Cl. H01B 7/16 (2006.01) H01B 7/42 (2006.01) H01F 30/00 (2006.01) H02K 3/22 (2006.01) H02K 9/00 (2006.01)**
[25] EN
[54] **ELECTRICAL HOLLOW CONDUCTOR FOR AN ELECTROMAGNETIC MACHINE**
[54] **CONDUCTEUR CREUX ELECTRIQUE POUR MACHINE ELECTROMAGNETIQUE**
[72] SCHWEINERT, NIKOLAUS, DE
[71] DYNAMIC E FLOW GMBH, DE
[85] 2016-09-26
[86] 2015-04-02 (PCT/EP2015/057400)
[87] (WO2015/150556)
[30] DE (10 2014 104 817.2) 2014-04-04
[30] DE (10 2014 006 656.8) 2014-05-07
[30] DE (10 2014 015 564.1) 2014-10-20

[21] **2,943,864**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4035 (2006.01) A61K 31/422 (2006.01) A61K 31/4245 (2006.01) A61K 31/427 (2006.01) A61K 31/433 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/4545 (2006.01) A61K 31/497 (2006.01) C07D 403/04 (2006.01) C07D 403/10 (2006.01) C07D 403/12 (2006.01) C07D 403/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **ISOINDOLINONE COMPOUNDS AS GPR119 MODULATORS FOR THE TREATMENT OF DIABETES, OBESITY, DYSLIPIDEMIA AND RELATED DISORDERS**
[54] **COMPOSES D'ISOINDOLINONE UTILISES COMME MODULATEURS DE GPR119 POUR LE TRAITEMENT DU DIABETE, DE L'OBESITE ET DE TROUBLES ASSOCIES**
[72] SCHWINK, LOTHAR, DE
[72] BUNING, CHRISTIAN, DE
[72] GLOMBIK, HEINER, DE
[72] GOSSEL, MATTHIAS, DE
[72] KADEREIT, DIETER, DE
[72] HALLAND, NIS, DE
[72] LOHMANN, MATTHIAS, DE
[72] POVERLEIN, CHRISTOPH, DE
[72] RITTER, KURT, DE
[71] SANOFI, FR
[85] 2016-09-26
[86] 2015-04-02 (PCT/EP2015/057415)
[87] (WO2015/150565)
[30] EP (14305496.3) 2014-04-04

[21] **2,943,867**
[13] A1
[51] **Int.Cl. G01N 1/34 (2006.01) F16K 31/00 (2006.01) G01N 1/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS OF COLLECTING AND SAMPLING FLUIDS**
[54] **APPAREIL ET PROCEDES DE COLLECTE ET D'ECHANTILLONNAGE DE FLUIDES**
[72] COLEMAN, TODD M., US
[72] RICE, CORBEN C., US
[72] COLEMAN, DENNIS D., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2016-09-23
[86] 2015-04-02 (PCT/US2015/024098)
[87] (WO2015/153891)
[30] US (61/975,579) 2014-04-04
[30] US (14/676,577) 2015-04-01

[21] **2,943,878**
[13] A1
[51] **Int.Cl. C07C 213/08 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING ALKANOLAMINES USEFUL IN REMOVAL OF ACID-GAS FROM A GASEOUS STREAM**
[54] **PROCEDE DE PREPARATION D'ALCANOLAMINES POUVANT ETRE UTILISEES A DES FINS D'ELIMINATION DE GAZ ACIDES DEPUIS UN FLUX GAZEUX**
[72] ATKINS, MARTIN, GB
[72] COLEMAN, FERGAL, GB
[72] DELAVOUX, YOAN, GB
[71] THE QUEEN'S UNIVERSITY OF BELFAST, GB
[85] 2016-09-26
[86] 2015-03-27 (PCT/GB2015/050952)
[87] (WO2015/145182)
[30] GB (1405563.6) 2014-03-27

[21] **2,943,890**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61P 9/10 (2006.01) A61P 25/00 (2006.01) C07H 21/00 (2006.01) C07K 7/08 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **P97-POLYNUCLEOTIDE CONJUGATES**
[54] **CONJUGUES P97-POLYNUCLEOTIDES**
[72] JEFFERIES, WILFRED, CA
[72] GABATHULER, REINHARD, CA
[71] BIOASIS TECHNOLOGIES, INC., CA
[85] 2016-09-23
[86] 2015-05-01 (PCT/US2015/028743)
[87] (WO2015/168521)
[30] US (61/987,228) 2014-05-01
[30] US (62/033,903) 2014-08-06
[30] US (62/144,598) 2015-04-08

---

[21] **2,943,896**
[13] A1
[51] **Int.Cl. C07D 491/04 (2006.01) A61K 31/4355 (2006.01) A61K 31/437 (2006.01) A61K 31/4745 (2006.01) A61K 31/497 (2006.01) A61K 31/4985 (2006.01) A61K 31/5383 (2006.01) A61P 31/04 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 498/04 (2006.01) C07D 498/14 (2006.01) C07D 513/04 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **ANTIBACTERIAL COMPOUNDS**
[54] **COMPOSES ANTIBACTERIENS**
[72] RATCLIFFE, ANDREW, GB
[72] HUXLEY, ANTHONY, GB
[72] LYTH, DAVID, GB
[72] NOONAN, GARY, GB
[72] KIRK, RALPH, GB
[72] UOSIS-MARTIN, MARIO, GB
[72] STOKES, NEIL, GB
[71] REDX PHARMA PLC, GB
[85] 2016-09-26
[86] 2015-04-10 (PCT/GB2015/051107)
[87] (WO2015/155549)
[30] GB (1406486.9) 2014-04-10

---

[21] **2,943,903**
[13] A1
[51] **Int.Cl. C07K 16/12 (2006.01) A23K 10/16 (2016.01) A23K 20/147 (2016.01) A23L 33/135 (2016.01) A23L 33/17 (2016.01) A23L 3/3526 (2006.01) A23L 3/3571 (2006.01) C07K 19/00 (2006.01) C12N 1/21 (2006.01) C12N 15/13 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **EXPRESSION OF A SINGLE CHAIN ANTIBODY AGAINST SALMONELLA IN LACTOBACILLUS**
[54] **EXPRESSION D'UN ANTICORPS A CHAINE UNIQUE CONTRE LA SALMONELLE DANS UN LACTOBACILLUS**
[72] GHOSH, SAMBUDDHA, IN
[72] BANERJEE, SANJIBAN KUMAR, IN
[72] SABNIS, MANISHA PRAVIN, IN
[71] GHOSH, SAMBUDDHA, IN
[85] 2016-09-26
[86] 2015-03-27 (PCT/IB2015/000407)
[87] (WO2015/145250)
[30] IN (1100/MUM/2014) 2014-03-27

---

[21] **2,943,928**
[13] A1
[51] **Int.Cl. A61M 35/00 (2006.01) A61B 17/00 (2006.01) A61L 24/10 (2006.01) A61M 3/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PREPARING AND ADMINISTERING ONE-COMPONENT FIBRIN SEALANT**
[54] **DISPOSITIF ET PROCEDE POUR PREPARER ET ADMINISTRER UN AGENT D'ETANCHEITE A BASE DE FIBRINE A UN CONSTITUANT**
[72] PILPEL, YAIR, IL
[72] DEANGLIS, ASHLEY, US
[72] ZHERDEV, YURI, IL
[72] DORON, SIVAN, IL
[72] EREZ, LIOR, IL
[71] OMRIX BIOPHARMACEUTICALS LTD., IL
[71] ETHICON, INC., US
[85] 2016-09-26
[86] 2015-03-25 (PCT/IL2015/000018)
[87] (WO2015/145416)
[30] IL (231792) 2014-03-27
[30] US (61/970,929) 2014-03-27

---

[21] **2,943,961**
[13] A1
[51] **Int.Cl. D21H 27/02 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURES**
[54] **STRUCTURES FIBREUSES**
[72] WERTH, ANJA, US
[72] MANIFOLD, JOHN ALLEN, US
[72] MELLIN, ANDRE, US
[72] BARKEY, DOUGLAS JAY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-09-23
[86] 2015-03-25 (PCT/US2015/022444)
[87] (WO2015/148638)
[30] US (14/224,173) 2014-03-25

---

[21] **2,943,987**
[13] A1
[51] **Int.Cl. G02B 27/00 (2006.01) B42D 25/29 (2014.01) B41J 2/435 (2006.01) B44F 1/00 (2006.01) G02B 3/00 (2006.01)**
[25] EN
[54] **AN OPTICAL DEVICE THAT PRODUCES FLICKER-LIKE OPTICAL EFFECTS**
[54] **DISPOSITIF OPTIQUE QUI PRODUIT DES EFFETS OPTIQUES DE TYPE SCINTILLEMENT**
[72] CAPE, SAMUEL M., US
[72] GOSNELL, JONATHAN D., US
[72] JORDAN, GREGORY R., US
[72] PALM, SCOTT K., US
[71] VISUAL PHYSICS, LLC, US
[85] 2016-09-26
[86] 2015-03-27 (PCT/US2015/022907)
[87] (WO2015/148878)
[30] US (61/971,240) 2014-03-27

[21] **2,943,990**
[13] A1
[51] **Int.Cl. D21F 7/00 (2006.01) D21F 1/00 (2006.01) D21F 11/00 (2006.01)**
[25] EN
[54] **PAPERMAKING BELT FOR MAKING FIBROUS STRUCTURES**
[54] **COURROIE DE FABRICATION DE PAPIER POUR LA FABRICATION DE STRUCTURES FIBREUSES**
[72] WERTH, ANJA, US
[72] MANIFOLD, JOHN ALLEN, US
[72] MELLIN, ANDRE, US
[72] BARKEY, DOUGLAS JAY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-09-26
[86] 2015-03-25 (PCT/US2015/022446)
[87] (WO2015/148640)
[30] US (14/224,201) 2014-03-25

---

[21] **2,944,004**
[13] A1
[51] **Int.Cl. A61K 31/19 (2006.01) A61K 31/505 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **BETA-HYDROXY BETA-METHYLBUTYRATE FOR ALLEVIATING STATIN MYOPATHY**
[54] **BETA-HYDROXY-BETA-METHYLBUTYRATE POUR ATTENUER LA MYOPATHIE PAR STATINES**
[72] WINTERFIELD, ROLAND W., US
[71] WINTERFIELD, ROLAND W., US
[85] 2016-09-26
[86] 2015-03-27 (PCT/US2015/023102)
[87] (WO2015/148982)
[30] US (61/971,072) 2014-03-27

---

[21] **2,944,010**
[13] A1
[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **ACCOMMODATING INTRAOCULAR LENS**
[54] **LENTILLE INTRAOCULAIRE D'ACCOMMODATION**
[72] DE JUAN, EUGENE, US
[72] REICH, CARY, US
[72] GIFFORD, HANSON S., US
[72] OREN, GUY, US
[72] CLARKE, MATTHEW, US
[72] ALEJANDRO, JOSE D., US
[71] FORSIGHT LABS, LLC, US
[85] 2016-09-26
[86] 2015-03-25 (PCT/US2015/022501)
[87] (WO2015/148673)
[30] US (61/972,183) 2014-03-28
[30] US (61/977,568) 2014-04-09

---

[21] **2,944,016**
[13] A1
[51] **Int.Cl. H04N 21/2343 (2011.01) H04N 21/242 (2011.01)**
[25] EN
[54] **ADAPTIVE STREAMING TRANSCODER SYNCHRONIZATION**
[54] **SYNCHRONISATION DE TRANSCODEURS PAR DIFFUSION EN CONTINU ADAPTATIVE**
[72] VAN VELDHUISEN, BRENDA, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2016-09-26
[86] 2015-03-25 (PCT/US2015/022582)
[87] (WO2015/153233)
[30] US (61/972,647) 2014-03-31
[30] US (62/020,134) 2014-07-02
[30] US (62/020,118) 2014-07-02
[30] US (14/581,108) 2014-12-23

---

[21] **2,944,018**
[13] A1
[51] **Int.Cl. H04N 21/242 (2011.01) H04N 21/2343 (2011.01) H04N 21/647 (2011.01) H04N 21/845 (2011.01) H04N 21/8547 (2011.01)**
[25] EN
[54] **ADAPTIVE STREAMING TRANSCODER SYNCHRONIZATION**
[54] **SYNCHRONISATION DE TRANSCODEUR DE DIFFUSION EN CONTINU ADAPTATIVE**
[72] LAM, REBECCA, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2016-09-26
[86] 2015-03-25 (PCT/US2015/022585)
[87] (WO2015/153234)
[30] US (61/972,647) 2014-03-31
[30] US (62/020,118) 2014-07-02
[30] US (62/020,134) 2014-07-02
[30] US (14/581,133) 2014-12-23

---

[21] **2,944,026**
[13] A1
[51] **Int.Cl. C08L 3/02 (2006.01) A23K 20/163 (2016.01) A23L 29/212 (2016.01) A23L 29/30 (2016.01) A23L 33/125 (2016.01) A23L 33/21 (2016.01)**
[25] EN
[54] **CARBOHYDRATE COMPOSITION AND PROCESS FOR MAKING A CARBOHYDRATE COMPOSITION**
[54] **COMPOSITION D'HYDRATE DE CARBONE ET PROCEDE DE FABRICATION D'UNE COMPOSITION D'HYDRATE DE CARBONE**
[72] VERCAUTEREN, RONNY LEONTINA MARCEL, BE
[71] CARGILL, INCORPORATED, US
[85] 2016-09-26
[86] 2015-03-26 (PCT/US2015/022732)
[87] (WO2015/148795)
[30] EP (14161666.4) 2014-03-26

[21] **2,944,027**
[13] A1
[51] **Int.Cl. A61K 8/42 (2006.01) A61K 8/34 (2006.01) A61K 8/36 (2006.01) A61K 8/37 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **COSMETIC COMPOSITIONS FOR HYDRATING SKIN**
[54] **COMPOSITIONS COSMETIQUES POUR HYDRATER LA PEAU**
[72] GUJRATY, KUNAL VIRENDRA, SG
[72] YOSHIMI, NAOHISA, SG
[72] JONES, STEVAN DAVID, SG
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-09-26
[86] 2015-04-21 (PCT/US2015/026738)
[87] (WO2015/164291)
[30] US (61/982,884) 2014-04-23

---

[21] **2,944,030**
[13] A1
[51] **Int.Cl. C07J 63/00 (2006.01) A61K 31/56 (2006.01) A61P 3/04 (2006.01) A61P 3/08 (2006.01) C07J 53/00 (2006.01)**
[25] EN
[54] **CELASTROL AND DERIVATIVES FOR THE TREATMENT OF OBESITY**
[54] **CELASTROL ET SES DERIVES POUR LE TRAITEMENT DE L'OBESITE**
[72] MAZITSCHEK, RALPH, US
[72] OZCAN, UMUT, US
[71] THE CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2016-09-26
[86] 2015-03-26 (PCT/US2015/022746)
[87] (WO2015/148802)
[30] US (61/970,839) 2014-03-26

---

[21] **2,944,046**
[13] A1
[51] **Int.Cl. D21H 27/02 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURES**
[54] **STRUCTURES FIBREUSES**
[72] WERTH, ANJA, US
[72] MANIFOLD, JOHN ALLEN, US
[72] MELLIN, ANDRE, US
[72] BARKEY, DOUGLAS JAY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-09-26
[86] 2015-03-25 (PCT/US2015/022445)
[87] (WO2015/148639)
[30] US (14/224,186) 2014-03-25

---

[21] **2,944,063**
[13] A1
[51] **Int.Cl. B61D 15/00 (2006.01) E01B 27/00 (2006.01)**
[25] EN
[54] **BULK MATERIAL LOADING WAGON**
[54] **WAGON DE CHARGEMENT DE MATERIAU EN VRAC**
[72] BRUNNINGER, MANFRED, AT
[71] PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H., AT
[85] 2016-09-27
[86] 2015-04-24 (PCT/EP2015/000848)
[87] (WO2015/176794)
[30] AT (A 374/2014) 2014-05-20

---

[21] **2,944,066**
[13] A1
[51] **Int.Cl. H04W 80/02 (2009.01) H04W 28/24 (2009.01) H04W 72/12 (2009.01) H04L 27/34 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DATA TRANSMISSION IN A MULTIUSER DOWNLINK CELLULAR SYSTEM**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE DONNEES DANS UN SYSTEME CELLULAIRE DE LIAISON DESCENDANTE MULTI-UTILISATEURS**
[72] PEROTTI, ALBERTO GIUSEPPE, SE
[72] SOLDATI, PABLO, SE
[72] POPOVIC, BRANISLAV, SE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-09-27
[86] 2015-01-30 (PCT/EP2015/051934)
[87] (WO2015/144343)
[30] EP (PCT/EP2014/056365) 2014-03-28

---

[21] **2,944,071**
[13] A1
[51] **Int.Cl. F23L 7/00 (2006.01) C03B 5/237 (2006.01) F23L 15/00 (2006.01) F23L 15/02 (2006.01) F23L 17/00 (2006.01)**
[25] EN
[54] **REGENERATIVE FURNACE OPERATION WITH AN OXIDANT COMPRISING 60 TO 85 PERCENT OF OXYGEN**
[54] **FONCTIONNEMENT D'UN FOUR DE REGENERATION A L'AIDE D'UN OXYDANT COMPRENANT 60 A 85 POUR CENT D'OXYGENE**
[72] IYOHA, OSEMWENGIE UYI, US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2016-09-26
[86] 2015-04-06 (PCT/US2015/024433)
[87] (WO2015/164053)
[30] US (61/983,854) 2014-04-24

---

[21] **2,944,073**
[13] A1
[51] **Int.Cl. A61K 31/327 (2006.01) A61K 31/192 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **COMBINATION OF ADAPALENE AND BENZOYL PEROXIDE FOR TREATING ACNE SCARS**
[54] **ASSOCIATION D'ADAPALENE ET DE PEROXYDE DE BENZOYLE POUR LE TRAITEMENT DES CICATRICES DE L'ACNE**
[72] BOURDES, VALERIE, FR
[72] MARTEL, PHILIPPE, FR
[72] RIVIER, MICHEL, FR
[72] REYNIER, PHILIPPE, FR
[72] PETIT, LAURENT, FR
[71] GALDERMA RESEARCH & DEVELOPMENT, FR
[85] 2016-09-27
[86] 2015-03-30 (PCT/EP2015/056906)
[87] (WO2015/150332)
[30] US (61/973,350) 2014-04-01

[21] **2,944,074**
[13] A1
[51] **Int.Cl. C07D 403/06 (2006.01) A61K 31/404 (2006.01) A61K 31/4178 (2006.01) A61K 31/439 (2006.01) A61K 31/454 (2006.01) A61K 31/506 (2006.01) A61K 31/517 (2006.01) A61K 31/5377 (2006.01) C07D 209/52 (2006.01) C07D 401/06 (2006.01) C07D 413/06 (2006.01)**
[25] EN
[54] **CARBAZOLE-CONTAINING AMIDES, CARBAMATES, AND UREAS AS CRYPTOCHROME MODULATORS**
[54] **AMIDES, CARBAMATES ET UREES CONTENANT DU CARBAZOLE EN TANT QUE MODULATEURS DE CRYPTOCHROME**
[72] BERSOT, ROSS, US
[72] HUMPHRIES, PAUL, US
[71] RESET THERAPEUTICS, INC., US
[85] 2016-09-26
[86] 2015-04-06 (PCT/US2015/024537)
[87] (WO2015/157182)
[30] US (61/976,350) 2014-04-07

[21] **2,944,075**
[13] A1
[51] **Int.Cl. A61K 9/72 (2006.01) A61K 9/12 (2006.01) A61K 9/14 (2006.01) A61K 31/436 (2006.01)**
[25] EN
[54] **AN INHALABLE RAPAMYCIN FORMULATION FOR TREATING AGE-RELATED CONDITIONS**
[54] **PREPARATION A INHALER CONTENANT DE LA RAPAMYCINE POUR TRAITER LES PATHOLOGIES LIEES A L'AGE**
[72] ARMER, THOMAS, US
[72] MELVIN, LAWRENCE S., US
[72] ROTHBERG, JONATHAN M., US
[72] LICHENSTEIN, HENRI, US
[71] LAM THERAPEUTICS, INC., US
[85] 2016-09-26
[86] 2015-04-06 (PCT/US2015/024551)
[87] (WO2015/154084)
[30] US (61/975,127) 2014-04-04

[21] **2,944,088**
[13] A1
[51] **Int.Cl. A61K 31/517 (2006.01) A61K 31/44 (2006.01) A61K 31/4439 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TYROSINE KINASE INHIBITORS FOR USE IN A METHOD OF TREATING CANCER IN ASSOCIATION WITH A REDUCED CALORIC INTAKE**
[54] **INHIBITEURS DE LA TYROSINE KINASE DESTINES A UNE UTILISATION DANS UNE METHODE DE TRAITEMENT ANTICANCEREUSE EN ASSOCIATION AVEC UNE REDUCTION DE L'APPORT CALORIQUE**
[72] BALLESTRERO, ALBERTO, IT
[72] CAFFA, IRENE, IT
[72] LONGO, VALTER, US
[72] NENCIONI, ALESSIO, IT
[72] ODETTI, PATRIZIO, IT
[72] PATRONE, FRANCO, IT
[71] L-NUTRA INC., US
[71] UNIVERSITA DEGLI STUDI DI GENOVA, IT
[85] 2016-09-27
[86] 2015-03-30 (PCT/EP2015/056918)
[87] (WO2015/144934)
[30] IT (MI2014A000537) 2014-03-28

[21] **2,944,103**
[13] A1
[51] **Int.Cl. C07D 409/12 (2006.01) A61K 31/517 (2006.01) A61P 3/00 (2006.01) A61P 3/10 (2006.01) C07D 493/04 (2006.01)**
[25] EN
[54] **SULFOXIMINE SUBSTITUTED QUINAZOLINES FOR PHARMACEUTICAL COMPOSITIONS**
[54] **QUINAZOLINES SUBSTITUEES PAR UNE SULFOXIMINE DESTINEES A DES COMPOSITIONS PHARMACEUTIQUES**
[72] BLUM, ANDREAS, DE
[71] EVOTEC INTERNATIONAL GMBH, DE
[85] 2016-09-27
[86] 2015-04-30 (PCT/EP2015/059453)
[87] (WO2015/169677)
[30] EP (14167373.1) 2014-05-07

[21] **2,944,113**
[13] A1
[51] **Int.Cl. A61K 31/166 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **NEW USE OF N,N-BIS-2-MERCAPTOETHYL ISOPHTHALAMIDE**
[54] **NOUVELLE UTILISATION DU N,N-BIS-2-MERCAPTOETHYL ISOPHTALAMIDE**
[72] HALEY, BOYD EUGENE, US
[72] KLINGBERG, RAGNAR AXEL THEODOR, SE
[71] EMERAMED LIMITED, IE
[85] 2016-09-27
[86] 2015-03-31 (PCT/GB2015/050999)
[87] (WO2015/150793)
[30] GB (1406115.4) 2014-04-04

[21] **2,944,114**
[13] A1
[51] **Int.Cl. A61B 5/026 (2006.01) A61B 5/0205 (2006.01) A61B 5/0215 (2006.01) A61B 5/027 (2006.01)**
[25] EN
[54] **INTRAVASCULAR PRESSURE AND FLOW DATA DIAGNOSTIC SYSTEMS, DEVICES, AND METHODS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE DIAGNOSTIC DE DONNEES DE PRESSION INTRAVASCULAIRE ET DE DEBIT**
[72] VESZELEI, EUGEN, SE
[72] LUNDGREN, FREDRIK, SE
[71] ST. JUDE MEDICAL SYSTEMS AB, SE
[85] 2016-09-27
[86] 2015-04-04 (PCT/IB2015/000675)
[87] (WO2015/150913)
[30] US (61/975,424) 2014-04-04
[30] US (62/073,284) 2014-10-31

[21] **2,944,116**
[13] A1
[51] **Int.Cl. C07C 227/16 (2006.01)**
[25] EN
[54] **A PROCESS FOR PREPARATION OF LEVOTHYROXINE AND SALTS THEREOF**
[54] **PROCEDE DE PREPARATION DE LEVOTHYROXINE ET DE SELS DE CELLE-CI**
[72] DESHMUKH, SWAPNIL SUDHAKAR, IN
[72] JAIN, ADINATH MURLIDHAR, IN
[72] GODBOLE, HIMANSHU MADHAV, IN
[72] SINGH, GIRIJ PAL, IN
[72] DIXIT, DINESH DNYANESHWAR, IN
[71] LUPIN LIMITED, IN
[85] 2016-09-27
[86] 2015-03-30 (PCT/IB2015/052330)
[87] (WO2015/151013)
[30] IN (1233/MUM/2014) 2014-03-31

---

[21] **2,944,118**
[13] A1
[51] **Int.Cl. A61K 35/741 (2015.01) A61K 35/744 (2015.01) A61K 35/745 (2015.01) A61K 35/747 (2015.01) A61K 9/00 (2006.01) A61K 9/02 (2006.01) A61K 31/728 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **TOPICAL COMPOSITION FOR USE IN THE TREATMENT OF INFLAMMATORY BOWEL DISEASE**
[54] **COMPOSITION TOPIQUE DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT D'UNE MALADIE INFLAMMATOIRE DE L'INTESTIN**
[72] BIFFI, ANDREA, IT
[71] SOFAR SPA, IT
[85] 2016-09-27
[86] 2015-04-22 (PCT/IB2015/052938)
[87] (WO2015/162570)
[30] IT (MI2014A000751) 2014-04-23

---

[21] **2,944,126**
[13] A1
[51] **Int.Cl. C07C 391/00 (2006.01) A61K 31/19 (2006.01) A61K 31/22 (2006.01) A61K 31/231 (2006.01) A61K 31/27 (2006.01) A61K 31/40 (2006.01) A61K 31/4164 (2006.01) A61K 31/4406 (2006.01) A61K 31/445 (2006.01) A61K 31/5375 (2006.01) A61P 35/00 (2006.01) C07D 213/80 (2006.01) C07D 233/90 (2006.01) C07D 295/185 (2006.01)**
[25] FR
[54] **NOVEL ORGANOSELENIUM COMPOUNDS, METHOD FOR PRODUCING SAME, AND PHARMACEUTICAL USES THEREOF AS ANTITUMOUR AGENTS**
[54] **NOUVEAUX COMPOSES ORGANO-SELENIES, PROCEDE DE FABRICATION ET APPLICATIONS EN PHARMACIE NOTAMMENT COMME AGENTS ANTI-TUMORAUX**
[72] YADAN, JEAN-CLAUDE, FR
[72] ERDELMEIER, IRENE, FR
[72] MOUTET, MARC, FR
[72] LEBEL, REMI, FR
[71] TETRAHEDRON, FR
[85] 2016-09-27
[86] 2015-04-07 (PCT/FR2015/050886)
[87] (WO2015/155453)
[30] FR (1453136) 2014-04-08

---

[21] **2,944,139**
[13] A1
[51] **Int.Cl. A61K 31/192 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **TREATMENT OF NAFLD AND NASH**
[54] **TRAITEMENT DE LA MSNAF ET DE LA SHNA**
[72] ROBERTS, BRIAN, US
[72] WANG, XUEYAN, US
[72] CHOI, YUN-JUNG, US
[72] KARPF, DAVID, US
[72] MARTIN, ROBERT, US
[72] MCWHERTER, CHARLES A., US
[71] CYMABAY THERAPEUTICS, INC., US
[85] 2016-09-27
[86] 2015-04-10 (PCT/US2015/025416)
[87] (WO2015/157697)
[30] US (61/978,335) 2014-04-11

---

[21] **2,944,142**
[13] A1
[51] **Int.Cl. G05B 19/048 (2006.01) H04W 4/00 (2009.01)**
[25] EN
[54] **PROCESS VARIABLE TRANSMITTER WITH LOOP-POWERED WIRELESS TRANSCEIVER**
[54] **EMETTEUR DE VARIABLE DE PROCESSUS AVEC EMETTEUR-RECEPTEUR SANS FIL ALIMENTE PAR BOUCLE**
[72] REPYEVSKY, VLADIMIR VIKTOROVICH, RU
[72] IOSIFOV, DMITRY YURYEVICH, RU
[72] POPOV, ANDREY YEVGENYEVICH, RU
[72] KOROLEV, EUGENE, US
[71] ROSEMOUNT INC., US
[85] 2016-09-27
[86] 2014-03-28 (PCT/RU2014/000223)
[87] (WO2015/147688)

---

[21] **2,944,149**
[13] A1
[51] **Int.Cl. H01F 41/16 (2006.01) H01F 1/28 (2006.01)**
[25] EN
[54] **ROTARY PROCESS FOR APPLICATION OF MAGNETIC COMPOSITIONS**
[54] **PROCEDE DE ROTATION POUR APPLICATION DE COMPOSITIONS MAGNETIQUES**
[72] BOUDOURIS, RANDALL, US
[72] ALBRECHT, DONALD E., US
[71] MAGNETNOTES, LTD., US
[85] 2016-09-27
[86] 2015-03-10 (PCT/US2015/019637)
[87] (WO2015/148104)
[30] US (61/971,666) 2014-03-28

---

[21] **2,944,192**
[13] A1
[51] **Int.Cl. E05D 11/00 (2006.01) E05D 3/00 (2006.01) H02G 11/00 (2006.01) H05K 7/16 (2006.01)**
[25] EN
[54] **ROTATABLE HINGE**
[54] **CHARNIERE ROTATIVE**
[72] ADAIR, DAVID C., US
[72] GROSS, FREDERICK W., US
[71] HURCO COMPANIES, INC., US
[85] 2016-09-27
[86] 2015-03-27 (PCT/US2015/022948)
[87] (WO2015/148903)
[30] US (14/229,148) 2014-03-28

[21] **2,944,199**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) C12N 5/078 (2010.01) C07K 14/735 (2006.01)**
[25] EN
[54] **POLYPEPTIDES, CELLS, AND METHODS INVOLVING ENGINEERED CD16**
[54] **POLYPEPTIDES, CELLULES MODIFIEES, ET METHODES IMPLIQUANT LE CD16 GENETIQUEMENT TRANSFORME**
[72] WALCHECK, BRUCE KENNETH, US
[72] KAUFMAN, DAN SAMUEL, US
[72] WU, JIANMING, US
[72] JING, YAWU, US
[72] NI, ZHENYA, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2016-09-27
[86] 2015-03-27 (PCT/US2015/022998)
[87] (WO2015/148926)
[30] US (61/971,996) 2014-03-28

---

[21] **2,944,202**
[13] A1
[51] **Int.Cl. A23L 15/00 (2016.01) A23L 5/10 (2016.01) A23B 5/04 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING FROZEN FRIED EGGS**
[54] **METHODE DE PREPARATION D'OEUFS FRITS CONGELES**
[72] IZUEL SANZ, FRANCISCO JAVIER, ES
[71] INNOVATION FOODS 360, S.L., ES
[85] 2016-09-27
[86] 2014-11-03 (PCT/ES2014/070820)
[87] (WO2015/144945)
[30] ES (P201430457) 2014-03-28

---

[21] **2,944,242**
[13] A1
[51] **Int.Cl. A61B 5/024 (2006.01) A61B 5/00 (2006.01) A61B 5/0402 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING VARIATION OF HEART RATE OF A USER**
[54] **SYSTEME ET PROCEDE DE DETECTION D'UNE VARIATION DE LA FREQUENCE CARDIAQUE D'UN UTILISATEUR**
[72] COPPOLA, GIUSEPPE, NL
[72] HUIJBREGTS, LAURENTIA JOHANNA, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2016-09-28
[86] 2015-03-26 (PCT/EP2015/056482)
[87] (WO2015/150199)
[30] EP (14163114.3) 2014-04-02

---

[21] **2,944,249**
[13] A1
[51] **Int.Cl. C03B 19/09 (2006.01) A61K 6/027 (2006.01) C03C 3/097 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A LITHIUM SILICATE GLASS BLANK AND A LITHIUM SILICATE GLASS-CERAMIC BLANK**
[54] **PROCEDE DE PRODUCTION D'UNE EBAUCHE DE VERRE AU SILICATE DE LITHIUM ET D'UNE EBAUCHE DE VITROCERAMIQUE AU SILICATE DE LITHIUM**
[72] VOLLMANN, MARKUS, DE
[72] SCHUSSER, UDO, DE
[71] DEGUDENT GMBH, DE
[85] 2016-09-28
[86] 2015-03-27 (PCT/EP2015/056675)
[87] (WO2015/144866)
[30] DE (10 2014 104 401.0) 2014-03-28

---

[21] **2,944,257**
[13] A1
[51] **Int.Cl. B28B 17/00 (2006.01) C04B 38/10 (2006.01) E04C 1/00 (2006.01) E04C 1/41 (2006.01)**
[25] FR
[54] **METHOD FOR PRODUCING AN INSULATING COMPOSITE BUILDING BLOCK**
[54] **PROCEDE DE FABRICATION D'UN BLOC DE CONSTRUCTION COMPOSITE ISOLANT**
[72] LOMBOIS-BURGER, HELENE, FR
[72] ROY, CEDRIC, FR
[72] LEVY, CHRISTOPHE, FR
[71] LAFARGE, FR
[85] 2016-09-28
[86] 2015-04-02 (PCT/EP2015/057388)
[87] (WO2015/150550)
[30] FR (1452919) 2014-04-02

---

[21] **2,944,260**
[13] A1
[51] **Int.Cl. A01K 5/02 (2006.01) A01K 29/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD FOR SELECTING PETFOODS HAVING A PALATABILITY EFFECT AND A CALORIE INTAKE REDUCING EFFECT FOR PETS**
[54] **PROCEDE POUR SELECTIONNER DES ALIMENTS POUR ANIMAUX DE COMPAGNIE AYANT UN EFFET D'APPETIBILITE ET UN EFFET DE REDUCTION D'APPORT CALORIQUE POUR ANIMAUX DE COMPAGNIE**
[72] ROGUES, JULIEN, FR
[72] NICERON, CECILE, FR
[71] SPECIALITES PET FOOD, FR
[85] 2016-09-28
[86] 2015-04-07 (PCT/EP2015/057498)
[87] (WO2015/155177)
[30] EP (14305513.5) 2014-04-08

---

[21] **2,944,282**
[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **INHALER DEVICE**
[54] **INHALATEUR**
[72] PIETERS, FRANK, BE
[72] RAO, XERXES, IN
[71] CIPLA EUROPE NV, BE
[85] 2016-09-28
[86] 2015-03-24 (PCT/GB2015/050866)
[87] (WO2015/150734)
[30] IN (1159/MUM/2014) 2014-03-29

[21] **2,944,313**
[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 5/06 (2006.01)**
[25] EN
[54] **REFERENCE DEVICE FOR SURGICAL NAVIGATION SYSTEM**
[54] **DISPOSITIF DE REFERENCE POUR SYSTEME DE NAVIGATION CHIRURGICALE**
[72] ROSSNER, HOLGER-CLAUS, DE
[71] IZI MEDICAL PRODUCTS, LLC, US
[85] 2016-09-28
[86] 2014-04-07 (PCT/IB2014/060500)
[87] (WO2015/150877)
[30] US (14/245,170) 2014-04-04

---

[21] **2,944,321**
[13] A1
[51] **Int.Cl. A01J 9/00 (2006.01) A01J 5/007 (2006.01) A01J 5/04 (2006.01) A01J 7/02 (2006.01) A01J 9/06 (2006.01) A01J 9/08 (2006.01)**
[25] EN
[54] **MILK TANK SYSTEM, INTERMEDIATE MILK STORAGE VESSEL FOR THIS, MILKING SYSTEM FOR THIS, AND METHOD FOR CLEANING THIS**
[54] **SYSTEME DE CUVE A LAIT, RECIPIENT DE STOCKAGE INTERMEDIAIRE DU LAIT POUR CELUI-CI, SYSTEME DE TRAITE CORRESPONDANT, ET PROCEDE POUR LE NETTOYER**
[72] VAN TILBURG, RUBEN ALEXANDER, NL
[72] DE HULLU, MATTHEUS JACOB, NL
[72] DIJKSHOORN, DIRK, NL
[71] LELY PATENT N.V., NL
[85] 2016-09-28
[86] 2015-05-04 (PCT/NL2015/050307)
[87] (WO2015/170974)
[30] NL (2012791) 2014-05-09

---

[21] **2,944,322**
[13] A1
[51] **Int.Cl. D21H 21/12 (2006.01) D21H 17/10 (2006.01) D21H 17/68 (2006.01) D21H 21/24 (2006.01)**
[25] EN
[54] **DEFOAMER COMPOSITIONS AND METHODS OF USING THE SAME**
[54] **COMPOSITIONS D'AGENT ANTIMOUSSE ET PROCEDES D'UTILISATION DE CELLES-CI**
[72] MUDALY, GLENN, US
[71] BUCKMAN LABORATORIES INTERNATIONAL, INC., US
[85] 2016-09-28
[86] 2015-03-19 (PCT/US2015/021352)
[87] (WO2015/148226)
[30] US (61/971,561) 2014-03-28

---

[21] **2,944,336**
[13] A1
[51] **Int.Cl. B64C 27/14 (2006.01) B64C 27/00 (2006.01) B64C 27/06 (2006.01) F02C 7/272 (2006.01)**
[25] FR
[54] **DRIVE CHAIN FOR A HELICOPTER INCORPORATING A PYROTECHNIC ASSISTANCE DRIVE MODULE AND HELICOPTER COMPRISING SAME**
[54] **CHAINE MOTRICE POUR HELICOPTERE INCORPORANT UN MODULE MOTEUR PYROTECHNIQUE D'ASSISTANCE ET HELICOPTERE LA COMPORTANT**
[72] BESSE, JEAN-LOUIS ROBERT GUY, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[85] 2016-09-29
[86] 2015-03-30 (PCT/FR2015/050817)
[87] (WO2015/150680)
[30] FR (1452989) 2014-04-03

---

[21] **2,944,338**
[13] A1
[51] **Int.Cl. C03C 25/42 (2006.01) C03C 8/00 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING THIN GLASS**
[54] **PROCEDE DE FABRICATION DE VERRE MINCE**
[72] JANIAUD, ERIC, FR
[72] PETIT, PIERRE-OLIVIER, FR
[72] BLANCHARD, BENJAMIN, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2016-09-29
[86] 2015-04-22 (PCT/FR2015/051097)
[87] (WO2015/166169)
[30] FR (1453837) 2014-04-28

---

[21] **2,944,350**
[13] A1
[51] **Int.Cl. H04W 56/00 (2009.01) H04W 4/22 (2009.01) G10L 19/16 (2013.01) G10L 19/12 (2013.01)**
[25] EN
[54] **CODEC INVERSION DETECTION**
[54] **DETECTION D'INVERSION DE CODEC**
[72] WEBER, RALF MARTIN, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-09-29
[86] 2015-05-14 (PCT/US2015/030819)
[87] (WO2015/175798)
[30] US (61/993,000) 2014-05-14
[30] US (14/711,621) 2015-05-13

[21] **2,944,354**
[13] A1
[51] **Int.Cl. A61M 25/01 (2006.01) A61B 34/20 (2016.01) A61M 25/10 (2013.01)**
[25] EN
[54] **CATHETER STRUCTURES FOR REDUCING FLUOROSCOPY USAGE DURING ENDOVASCULAR PROCEDURES**
[54] **STRUCTURES DE CATHETER PERMETTANT DE REDUIRE L'UTILISATION DE RADIOSCOPIES AU COURS D'ACTES ENDOVASCULAIRES**
[72] BAJEMA, NICHOLAS LOREN, US
[72] BEASLEY, JIM C., US
[72] BOYLE, KEVIN, US
[72] TESSMER, ALEXANDER WILLIAM, US
[72] WRIGHT, MARK NICHOLAS, US
[71] CLEARSTREAM TECHNOLOGIES LIMITED, IE
[85] 2016-09-28
[86] 2015-03-31 (PCT/US2015/023574)
[87] (WO2015/153599)
[30] US (61/972,580) 2014-03-31
[30] US (62/083,745) 2014-11-24

---

[21] **2,944,355**
[13] A1
[51] **Int.Cl. G10L 19/008 (2013.01) H04S 3/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RENDERING ACOUSTIC SIGNAL, AND COMPUTER-READABLE RECORDING MEDIUM**
[54] **PROCEDE ET APPAREIL POUR RESTITUER UN SIGNAL ACOUSTIQUE, ET SUPPORT LISIBLE PAR ORDINATEUR**
[72] CHON, SANG-BAE, KR
[72] KIM, SUN-MIN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2016-09-28
[86] 2015-03-30 (PCT/KR2015/003130)
[87] (WO2015/147619)
[30] US (61/971,647) 2014-03-28

---

[21] **2,944,365**
[13] A1
[51] **Int.Cl. H01R 4/06 (2006.01) H01R 4/02 (2006.01) H01R 4/62 (2006.01) H01R 9/00 (2006.01) H05B 3/84 (2006.01) H01Q 1/38 (2006.01)**
[25] EN
[54] **ELECTRICAL CONNECTION ELEMENT FOR CONTACTING AN ELECTRICALLY CONDUCTIVE STRUCTURE ON A SUBSTRATE**
[54] **ELEMENT DE CONNEXION ELECTRIQUE SERVANT A CONNECTER UNE STRUCTURE ELECTRIQUEMENT CONDUCTRICE A UN SUBSTRAT**
[72] SCHMALBUCH, KLAUS, DE
[72] RATEICZAK, MITJA, DE
[72] REUL, BERNHARD, DE
[72] SCHNEIDER, BJORN, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[71] FEW FAHRZEUGELEKTRIK WERK GMBH & CO. KG, DE
[85] 2016-09-29
[86] 2015-03-11 (PCT/EP2015/055007)
[87] (WO2015/165632)
[30] EP (14166290.8) 2014-04-29

---

[21] **2,944,368**
[13] A1
[51] **Int.Cl. F02M 35/16 (2006.01) B63B 35/79 (2006.01) B63H 21/14 (2006.01) F02B 61/04 (2006.01)**
[25] EN
[54] **SYSTEM FOR AIR SUPPLY TO THE ENGINE OF A MOTOR FLOAT**
[54] **SYSTEME D'ALIMENTATION EN AIR DU MOTEUR D'UN FLOTTEUR MOTORISE**
[72] SULA, MARTIN, CZ
[71] SULA, MARTIN, CZ
[85] 2016-09-29
[86] 2016-02-26 (PCT/CZ2016/000023)
[87] (WO2016/134682)
[30] CZ (PV 2015-146) 2015-02-27

---

[21] **2,944,371**
[13] A1
[51] **Int.Cl. H02B 1/56 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **COOLING DEVICE, IN PARTICULAR FOR COOLING COMPONENTS HOUSED IN A SWITCHGEAR CABINET, CORRESPONDING USE, AND CORRESPONDING METHOD**
[54] **APPAREIL FRIGORIFIQUE, DESTINE EN PARTICULIER A REFROIDIR DES COMPOSANTS LOGES DANS UNE ARMOIRE ELECTRIQUE, UTILISATION CORRESPONDANTE ET PROCEDE CORRESPONDANT**
[72] ROSENTHAL, DANIEL, DE
[72] CACHO ALONSO, JUAN CARLOS, DE
[72] HEIMBERG, THORSTEN, DE
[72] KNETSCH, JORG, DE
[71] RITTAL GMBH & CO. KG, DE
[85] 2016-09-29
[86] 2015-06-05 (PCT/DE2015/100226)
[87] (WO2015/185040)
[30] DE (10 2014 107 931.0) 2014-06-05

---

[21] **2,944,390**
[13] A1
[51] **Int.Cl. B64G 1/64 (2006.01) B64G 1/10 (2006.01)**
[25] EN
[54] **ANDROGYNOUS COUPLING DEVICE FOR CONNECTING MODULES, AND CORRESPONDING MODULES**
[54] **MOYEN D'ACCOUPLEMENT ANDROGYNE SERVANT A RELIER DES MODULES ET MODULES CORRESPONDANTS**
[72] LAKSHMANAN, MARTIN ANAND, DE
[72] ADOMEIT, MARC ANDRE, DE
[72] SEEFELDT, PATRIC, DE
[72] REIMER, VIKTOR, DE
[71] RHEINISCH-WESTFALISCHE TECHNISCHE HOCHSCHULE (RWTH) AACHEN, DE
[85] 2016-09-29
[86] 2015-03-30 (PCT/EP2015/056923)
[87] (WO2015/150338)
[30] DE (10 2014 104 695.1) 2014-04-02

[21] **2,944,391**
[13] A1
[51] **Int.Cl. F26B 17/20 (2006.01) B65G 33/14 (2006.01) B65G 49/00 (2006.01) F26B 3/24 (2006.01)**
[25] FR
[54] **HEAT TREATMENT DEVICE COMPRISING A SCREW PROVIDED WITH AN ELECTRICALLY INSULATING STRIP**
[54] **DISPOSITIF DE TRAITEMENT THERMIQUE A VIS COMPRENANT UNE BANDE ELECTRIQUEMENT ISOLANTE**
[72] LEPEZ, OLIVIER, FR
[72] SAJET, PHILIPPE, FR
[71] E.T.I.A. - EVALUATION TECHNOLOGIQUE, INGENIERIE ET APPLICATIONS, FR
[85] 2016-09-29
[86] 2015-03-11 (PCT/EP2015/055068)
[87] (WO2015/161956)
[30] FR (1453715) 2014-04-24

---

[21] **2,944,394**
[13] A1
[51] **Int.Cl. C09D 5/02 (2006.01) C09D 7/12 (2006.01) C09D 133/24 (2006.01)**
[25] EN
[54] **WATERBORNE ACRYLIC COATING COMPOSITIONS**
[54] **COMPOSITIONS AQUEUSES DE REVETEMENT ACRYLIQUE**
[72] SWARUP, SHANTI, US
[72] BALLIET, COURTNEY L., US
[72] HALL, DERRARD, AU
[72] SCHWENDEMAN, IRINA G., US
[72] SCHWENDEMAN, JOHN E., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2016-09-28
[86] 2015-03-27 (PCT/US2015/022991)
[87] (WO2015/153341)
[30] US (14/230,347) 2014-03-31

---

[21] **2,944,398**
[13] A1
[51] **Int.Cl. A23C 9/13 (2006.01) A23C 9/12 (2006.01) C07K 14/81 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **PRODUCTION OF YOGURT**
[54] **PRODUCTION DE YAOURT**
[72] GIUSEPPIN, MARCO LUIGI FEDERICO, NL
[72] SPELBRINK, ROBIN ERIC JACOBUS, NL
[72] MOOIJ, CATHARINA MARIA ANTOINETTE, NL
[71] COOPERATIE AVEBE U.A., NL
[85] 2016-09-29
[86] 2015-05-08 (PCT/NL2015/050324)
[87] (WO2015/170985)
[30] EP (14167734.4) 2014-05-09

---

[21] **2,944,432**
[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 18/00 (2006.01)**
[25] EN
[54] **ELECTROSURGICAL INSTRUMENTS**
[54] **INSTRUMENTS ELECTRO-CHIRURGICAUX**
[72] BROOKE, GERARD, GB
[71] BROOKE, GERARD, GB
[85] 2016-09-29
[86] 2015-03-30 (PCT/GB2015/050971)
[87] (WO2015/150769)
[30] GB (1405745.9) 2014-03-31

---

[21] **2,944,444**
[13] A1
[51] **Int.Cl. B65D 75/36 (2006.01) B65D 81/22 (2006.01)**
[25] EN
[54] **CONTACT LENS PACKAGING AND METHODS OF MANUFACTURING PACKAGED CONTACT LENSES**
[54] **EMBALLAGE DE LENTILLES DE CONTACT ET PROCEDE DE FABRICATION DE LENTILLES DE CONTACT EMBALLEES**
[72] COON, MARK, US
[72] HILL, MARK, US
[72] ZICARI, JAMES, US
[72] BURGER, LESLIE, US
[72] POTOKY, LAUREN, US
[72] DAVIS, ROBERT, GB
[72] MYERS, KATHLEEN, US
[71] COOPERVISION INTERNATIONAL HOLDING COMPANY, LP, BB
[85] 2016-09-29
[86] 2015-03-31 (PCT/GB2015/050996)
[87] (WO2015/150790)
[30] US (61/973,067) 2014-03-31

---

[21] **2,944,448**
[13] A1
[51] **Int.Cl. H01M 4/131 (2010.01) H01M 4/1391 (2010.01) H01M 10/0525 (2010.01)**
[25] EN
[54] **LITHIUM-INTERCALATED TITANIUM DIOXIDE, LITHIUM TITANATE PARTICLES MADE THEREFROM, AND RELATED METHODS**
[54] **DIOXYDE DE TITANE A LITHIUM INTERCALE, PARTICULES DE TITANATE DE LITHIUM FABRIQUEES A PARTIR DE CELUI-CI ET PROCEDES ASSOCIES**
[72] FU, GUOYI, US
[71] CRISTAL USA INC., US
[85] 2016-09-29
[86] 2015-03-30 (PCT/US2015/023263)
[87] (WO2015/153413)
[30] US (14/230,435) 2014-03-31

[21] **2,944,469**
[13] A1
[51] **Int.Cl. F02B 33/22 (2006.01) F02D 13/02 (2006.01) F02D 13/06 (2006.01) F02D 17/00 (2006.01) F02D 19/02 (2006.01) F02M 21/02 (2006.01) F04B 41/04 (2006.01)**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE FOR NATURAL GAS COMPRESSOR OPERATION**
[54] **MOTEUR A COMBUSTION INTERNE POUR ACTIONNEMENT DE COMPRESSEUR DE GAZ NATUREL**
[72] HAGEN, CHRISTOPHER, US
[72] BABBITT, GUY, US
[71] OREGON STATE UNIVERSITY, US
[85] 2016-09-29
[86] 2015-04-01 (PCT/US2015/023932)
[87] (WO2015/153799)
[30] US (61/974,395) 2014-04-02
[30] US (62/080,880) 2014-11-17

[21] **2,944,491**
[13] A1
[51] **Int.Cl. C22C 38/40 (2006.01) C22C 38/04 (2006.01)**
[25] EN
[54] **DUAL-PHASE STAINLESS STEEL**
[54] **ACIER INOXYDABLE A DEUX PHASES**
[72] BERRY, DAVID C., US
[72] BAILEY, RONALD E., US
[71] ATI PROPERTIES LLC, US
[85] 2016-09-29
[86] 2015-03-12 (PCT/US2015/020122)
[87] (WO2015/153092)
[30] US (14/231,778) 2014-04-01

[21] **2,944,527**
[13] A1
[51] **Int.Cl. C08L 29/04 (2006.01) C08J 5/18 (2006.01) C08J 9/08 (2006.01) C08K 3/00 (2006.01) C08K 7/00 (2006.01) D01F 1/10 (2006.01) D01F 6/14 (2006.01)**
[25] EN
[54] **POLYVINYL ALCOHOL FIBERS AND FILMS WITH MINERAL FILLERS AND SMALL CELLULOSE PARTICLES**
[54] **FIBRES D'ALCOOL POLYVINYLIQUE ET FILMS AVEC DES CHARGES MINERALES ET DE PETITES PARTICULES DE CELLULOSE**
[72] SUMNICHT, DANIEL W., US
[72] SCHULZE, THOMAS, DE
[72] NIEMZ, FRANK-GUNTHER, DE
[71] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
[85] 2016-09-29
[86] 2015-04-06 (PCT/US2015/024512)
[87] (WO2015/157171)
[30] US (61/978,336) 2014-04-11
[30] US (14/677,026) 2015-04-02

[21] **2,944,529**
[13] A1
[51] **Int.Cl. A23L 33/00 (2016.01) A23L 33/10 (2016.01) A23L 33/105 (2016.01) A23L 33/15 (2016.01) A23L 33/16 (2016.01) A23L 33/17 (2016.01) A23L 33/21 (2016.01) A23P 10/40 (2016.01)**
[25] EN
[54] **COMPLETE NUTRITIONAL POWDER AND PREPARATION METHOD THEREOF**
[54] **POUDRE NUTRITIONNELLE COMPLETE ET METHODE DE PREPARATION ASSOCIEE**
[72] LU, MINGFU, CN
[72] ZHANG, XIUPING, CN
[71] LU, MINGFU, CN
[85] 2016-09-30
[86] 2014-08-18 (PCT/CN2014/084582)
[87] (WO2016/019597)
[30] CN (201410385229.1) 2014-08-07

[21] **2,944,542**
[13] A1
[51] **Int.Cl. A61M 5/48 (2006.01)**
[25] EN
[54] **INJECTION SENSOR WITH FEEDBACK MECHANISM**
[54] **CAPTEUR D'INJECTION AVEC MECANISME DE RETROACTION**
[72] BARERE, AARON M., US
[72] FRIEDMAN, EVAN J., US
[71] LIFECELL CORPORATION, US
[85] 2016-09-29
[86] 2015-04-09 (PCT/US2015/025035)
[87] (WO2015/167768)
[30] US (61/987,914) 2014-05-02

[21] **2,944,545**
[13] A1
[51] **Int.Cl. C08L 75/14 (2006.01) C08J 5/04 (2006.01) C08L 51/08 (2006.01)**
[25] EN
[54] **POLYURETHANE COMPOSITE MATERIAL AND PROCESS OF PREPARING SAME**
[54] **MATERIAU COMPOSITE A BASE DE POLYURETHANE ET SON PROCEDE DE PREPARATION**
[72] SUN, GUOBIN, CN
[72] GU, YONGMING, CN
[72] WU, FEI, CN
[72] CHEN, ZHAN, CN
[72] ZHENG, YICHEN, CN
[72] CHENG, YUAN, CN
[72] ZHAO, HUI, CN
[71] COVESTRO DEUTSCHLAND AG, DE
[85] 2016-09-30
[86] 2015-04-08 (PCT/EP2015/057541)
[87] (WO2015/155195)
[30] CN (201410156175.1) 2014-04-10
[30] CN (201410840608.5) 2014-12-23

[21] **2,944,563**
[13] A1
[51] **Int.Cl. F02C 7/20 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **TURBINE CENTER FRAME FAIRING ASSEMBLY**
[54] **ENSEMBLE DE CARENAGE DE CADRE CENTRAL DE TURBINE**
[72] PARRY, DAVID WALTER, US
[72] GLYNN, CHRISTOPHER CHARLES, US
[72] SCHILLING, JOHN CREIGHTON, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-09-29
[86] 2015-04-13 (PCT/US2015/025526)
[87] (WO2015/157751)
[30] US (61/978,214) 2014-04-11

[21] **2,944,600**
[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) A61K 31/05 (2006.01) A61K 31/121 (2006.01) A61K 31/192 (2006.01) A61K 31/202 (2006.01) A61K 31/26 (2006.01) A61K 31/35 (2006.01) A61K 31/353 (2006.01) A61K 31/357 (2006.01) A61K 31/404 (2006.01) A61K 31/56 (2006.01) A61K 31/7088 (2006.01) A61K 36/82 (2006.01) A61K 45/06 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF VASCULAR MALFORMATION**
[54] **METHODES ET COMPOSITIONS DE TRAITEMENT DE MALFORMATION VASCULAIRE**
[72] DEJANA, ELISABETTA, IT
[72] LAMPUGNANI, MARIA GRAZIA, IT
[71] IFOM FONDAZIONE ISTITUTO FIRC DI ONCOLOGIA MOLECOLARE, IT
[71] UNIVERSITA' DEGLI STUDI DI MILANO, IT
[85] 2016-09-30
[86] 2015-04-10 (PCT/EP2015/057854)
[87] (WO2015/155335)
[30] EP (14164118.3) 2014-04-10

[21] **2,944,666**
[13] A1
[51] **Int.Cl. C09J 133/06 (2006.01) C09J 11/08 (2006.01) C09J 133/02 (2006.01)**
[25] EN
[54] **WET AND DRY SURFACE ADHESIVES**
[54] **ADHESIFS POUR SURFACES HUMIDES ET SECHES**
[72] PATNODE, GREGG A., US
[72] DANIELS, MICHAEL P., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2016-09-30
[86] 2015-04-03 (PCT/US2015/024270)
[87] (WO2015/153987)
[30] US (61/975,491) 2014-04-04

[21] **2,944,668**
[13] A1
[51] **Int.Cl. B26D 1/08 (2006.01) B33Y 80/00 (2015.01) B26D 7/00 (2006.01) B26D 7/01 (2006.01)**
[25] EN
[54] **SLICING DEVICE COMPRISING RAPID-MANUFACTURING COMPONENTS**
[54] **DISPOSITIF DE COUPE COMPRENANT DES PARTIES DE FABRICATION RAPIDE**
[72] BOCHTLER, ALOIS, DE
[72] MAY, ALEXANDER, DE
[72] HORBERG, WINFRIED, DE
[71] GEA FOOD SOLUTIONS GERMANY GMBH, DE
[85] 2016-10-03
[86] 2015-04-08 (PCT/EP2015/000740)
[87] (WO2015/154871)
[30] DE (10 2014 206 826.6) 2014-04-09

[21] **2,944,676**
[13] A1
[51] **Int.Cl. E21B 43/27 (2006.01) C09K 8/74 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **PROCESS FOR ACIDIZING USING RETARDED ACID FORMULATIONS**
[54] **PROCEDE D'ACIDIFICATION FAISANT APPEL A DES FORMULATIONS D'ACIDES RETARDES**
[72] RIMASSA, SHAWN, US
[72] BERTKAU, WALTER, DE
[72] BORST, JOSEPH, US
[71] BASF SE, DE
[71] BASF CORPORATION, US
[85] 2016-10-03
[86] 2015-03-23 (PCT/EP2015/056089)
[87] (WO2015/154977)
[30] US (61/978,212) 2014-04-11

[21] **2,944,698**
[13] A1
[51] **Int.Cl. B32B 27/04 (2006.01) B32B 37/06 (2006.01) B32B 37/10 (2006.01) B44B 5/00 (2006.01) B44C 5/04 (2006.01)**
[25] EN
[54] **LAMINATE AND METHOD FOR PRODUCING SAME**
[54] **MATERIAU STRATIFIE ET PROCEDE POUR LE FABRIQUER**
[72] SCHIEGL, WALTER, AT
[71] FRITZ EGGER GMBH & CO. OG, AT
[85] 2016-10-03
[86] 2015-03-25 (PCT/EP2015/056434)
[87] (WO2015/150192)
[30] DE (10 2014 104 760.5) 2014-04-03

[21] **2,944,712**
[13] A1
[51] **Int.Cl. C07K 16/40 (2006.01)**
[25] EN
[54] **ANTI-FACTOR D ANTIBODY VARIANTS AND USES THEREOF**
[54] **VARIANTS D'ANTICORPS ANTI-FACTEUR D ET LEURS UTILISATIONS**
[72] KELLEY, ROBERT F., US
[72] VAN LOOKEREN-CAMPAGNE, MENNO, US
[72] SCHEER, JUSTIN M., US
[72] HASS, PHILIP E., US
[72] TESAR, DEVIN, US
[71] GENENTECH, INC., US
[85] 2016-09-30
[86] 2015-04-30 (PCT/US2015/028641)
[87] (WO2015/168468)
[30] US (61/987,298) 2014-05-01
[30] US (62/076,372) 2014-11-06

---

[21] **2,944,717**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C40B 30/04 (2006.01)**
[25] EN
[54] **MIT BIOMARKERS AND METHODS USING THE SAME**
[54] **BIOMARQUEURS MIT ET LEURS METHODES D'UTILISATION**
[72] MODRUSAN, ZORA, US
[72] SESHAGIRI, SOMASEKAR, US
[72] JAISWAL, BIJAY, US
[72] ZHANG, NA, US
[72] DURINCK, STEFFEN, US
[72] STAWISKI, ERIC, US
[71] GENENTECH, INC., US
[85] 2016-09-30
[86] 2015-05-22 (PCT/US2015/032294)
[87] (WO2015/179835)
[30] US (62/002,612) 2014-05-23
[30] US (62/059,362) 2014-10-03
[30] US (62/109,775) 2015-01-30

---

[21] **2,944,732**
[13] A1
[51] **Int.Cl. B60C 11/24 (2006.01) B60C 23/02 (2006.01)**
[25] EN
[54] **PALM-SIZE TIRE TREAD LASER MEASUREMENT DEVICE**
[54] **DISPOSITIF DE MESURE LASER COMPACT POUR BANDE DE ROULEMENT**
[72] BOYLE, DAVID, US
[72] TRACY, ROGER H., US
[71] TIRE PROFILES MOBILITY, LLC, US
[85] 2016-10-03
[86] 2015-04-03 (PCT/US2015/024214)
[87] (WO2015/153954)
[30] US (61/974,643) 2014-04-03
[30] US (62/022,714) 2014-07-10

---

[21] **2,944,749**
[13] A1
[51] **Int.Cl. C08F 283/01 (2006.01) C09D 151/08 (2006.01)**
[25] EN
[54] **BRANCHED POLYESTER POLYMERS AND SOFT TOUCH COATINGS COMPRISING THE SAME**
[54] **POLYMERES DE POLYESTER RAMIFIES ET REVETEMENTS A TOUCHER DOUX COMPRENANT CEUX-CI**
[72] GAO, RENLONG, US
[72] SCHWENDEMAN, IRINA G., US
[72] SINGER, DEBRA L., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2016-10-03
[86] 2015-04-02 (PCT/US2015/024012)
[87] (WO2015/153844)
[30] US (14/245,399) 2014-04-04

---

[21] **2,944,785**
[13] A1
[51] **Int.Cl. C10M 171/02 (2006.01) C10M 105/06 (2006.01) C10M 105/38 (2006.01) C10M 107/02 (2006.01) C10M 111/04 (2006.01)**
[25] EN
[54] **LUBRICANT FOR PREVENTING AND REMOVING CARBON DEPOSITS IN INTERNAL COMBUSTION ENGINES**
[54] **LUBRIFIANT POUR EMPECHER ET ELIMINER LES DEPOTS DE CARBONE DANS LES MOTEURS A COMBUSTION INTERNE**
[72] YANG, YING, CN
[72] LOCKWOOD, FRANCES E., US
[72] DOTSON, DANIEL J., US
[72] FREDERICK, JOSHUA, US
[72] DAASCH, JAMIE, US
[71] VALVOLINE LICENSING AND INTELLECTUAL PROPERTY, LLC, US
[85] 2016-10-03
[86] 2015-04-10 (PCT/US2015/025255)
[87] (WO2015/157606)
[30] US (61/978,488) 2014-04-11

---

[21] **2,944,809**
[13] A1
[51] **Int.Cl. A23L 27/60 (2016.01) A23L 27/18 (2016.01) A23L 33/20 (2016.01) A23D 7/005 (2006.01)**
[25] EN
[54] **COMPOSITION IN THE FORM OF AN OIL-IN-WATER EMULSION COMPRISING GROUND WHITE OR YELLOW MUSTARD SEED**
[54] **COMPOSITION SE PRESENTANT SOUS LA FORME D'UNE EMULSION HUILE DANS EAU CONTENANT DES GRAINES DE MOUTARDE BLANCHE OU JAUNE BROYEES**
[72] REGISMOND, SUDARSHI TANUJA ANGELIQUE, ZA
[72] RESZKA, ALEKSANDER ARIE, NL
[71] UNILEVER PLC, GB
[85] 2016-10-04
[86] 2015-03-27 (PCT/EP2015/056725)
[87] (WO2015/169506)
[30] EP (14167215.4) 2014-05-06

[21] **2,944,813**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/113 (2010.01) C12N 15/10 (2006.01) C12N 15/67 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **METHOD FOR THE SELECTION OF A LONG-TERM PRODUCING CELL USING HISTONE ACYLATION AS MARKERS**
[54] **PROCEDE DE SELECTION D'UNE CELLULE DE PRODUCTION A LONG TERME UTILISANT L'ACYLATION D'HISTONE COMME MARQUEURS**
[72] GOEPFERT, ULRICH, DE
[72] BECKER, PETER, DE
[72] MORITZ, BENJAMIN, DE
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 2016-10-04
[86] 2015-05-13 (PCT/EP2015/060593)
[87] (WO2015/177022)
[30] EP (14168896.0) 2014-05-19

[21] **2,944,823**
[13] A1
[51] **Int.Cl. A23L 27/60 (2016.01) A23L 27/18 (2016.01) A23L 33/20 (2016.01) A23D 7/005 (2006.01)**
[25] EN
[54] **COMPOSITION IN THE FORM OF AN OIL-IN-WATER EMULSION COMPRISING GROUND WHITE OR YELLOW MUSTARD SEED**
[54] **COMPOSITION SE PRESENTANT SOUS LA FORME D'UNE EMULSION HUILE DANS EAU CONTENANT DES GRAINES DE MOUTARDE BLANCHE OU JAUNE BROYEES**
[72] REGISMOND, SUDARSHI TANUJA ANGELIQUE, ZA
[72] RESZKA, ALEKSANDER ARIE, NL
[71] UNILEVER PLC, GB
[85] 2016-10-04
[86] 2015-04-09 (PCT/EP2015/057669)
[87] (WO2015/169527)
[30] EP (14167220.4) 2014-05-06

[21] **2,944,841**
[13] A1
[51] **Int.Cl. C08G 18/16 (2006.01) A61L 26/00 (2006.01) A61L 27/18 (2006.01) A61L 31/06 (2006.01) C08J 9/04 (2006.01) C08L 75/04 (2006.01)**
[25] EN
[54] **FOAMED POLYURETHANE POLYMERS FOR THE REGENERATION OF CONNECTIVE TISSUE**
[54] **POLYMERES MOUSSES DE POLYURETHANE POUR LA REGENERATION DE TISSU CONJONCTIF**
[72] GERGES, IRINI, IT
[72] MARTELLO, FEDERICO, IT
[72] TAMPLENIZZA, MARGHERITA, IT
[72] TOCCHIO, ALESSANDRO, IT
[71] TENSIVE SRL, IT
[85] 2016-10-04
[86] 2015-04-15 (PCT/IB2015/052737)
[87] (WO2015/162523)
[30] IT (MI2014A000754) 2014-04-23

[21] **2,944,843**
[13] A1
[51] **Int.Cl. A01J 7/02 (2006.01) A01J 5/007 (2006.01) A01J 5/04 (2006.01) A01J 9/00 (2006.01)**
[25] EN
[54] **MILKING DEVICE**
[54] **DISPOSITIF DE TRAITE DE LAIT**
[72] VAN TILBURG, RUBEN ALEXANDER, NL
[72] DIJKSHOORN, DIRK, NL
[72] DE HULLU, MATTHEUS JACOB, NL
[71] LELY PATENT N.V., NL
[85] 2016-10-04
[86] 2015-04-28 (PCT/NL2015/050283)
[87] (WO2015/170971)
[30] NL (2012789) 2014-05-09

[21] **2,944,879**
[13] A1
[51] **Int.Cl. C10M 135/02 (2006.01) C10M 159/12 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING A SULFURIZED ALKALINE EARTH METAL DODECYLPHENATE**
[54] **PROCEDE DE PREPARATION D'UN DODECYLPHENATE SOUFRE D'UN METAL ALCALINOTERREUX**
[72] FAHMY, MOHAMED G., US
[72] PARSONS, ROGER L., US
[72] CONANT, LINDSEY K., US
[72] BECKER, DARREN J., US
[72] STRAUCH, JEREMY T., US
[72] LUKASZEWSKI, RODNEY J., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2016-10-04
[86] 2015-03-23 (PCT/US2015/021949)
[87] (WO2015/153160)
[30] US (61/975,256) 2014-04-04

[21] **2,944,882**
[13] A1
[51] **Int.Cl. A01J 25/02 (2006.01)**
[25] EN
[54] **VERTICAL VAT WITH COUNTER ROTATING AGITATOR PANELS**
[54] **CUVE VERTICALE A PALES D'AGITATION CONTRAROTATIVES**
[72] HAMM, THOMAS R., US
[72] OLSON, MICHAEL, US
[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[85] 2016-10-04
[86] 2015-05-07 (PCT/EP2015/060084)
[87] (WO2015/173117)
[30] US (14/275,186) 2014-05-12

[21] **2,944,895**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTI-HER3 ANTIBODIES BINDING TO THE BETA-HAIRPIN OF HER3**
[54] **ANTICORPS ANTI-HER3 SE LIANT A L'EPINGLE A CHEVEUX BETA DE HER3**
[72] BOSSENMAIER, BIRGIT, DE
[72] GERG, MICHAEL, DE
[72] KRONER, FRANK, DE
[72] NIEDERFELLNER, GERHARD, DE
[72] SCHRAEML, MICHAEL, DE
[72] PEESS, CARMEN, DE
[72] BUICK, RICHARD, GB
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-10-04
[86] 2015-05-12 (PCT/EP2015/060492)
[87] (WO2015/173250)
[30] EP (14168335.9) 2014-05-14

[21] **2,944,900**
[13] A1
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/26 (2006.01) A61K 31/424 (2006.01) A61K 31/43 (2006.01)**
[25] EN
[54] **DISINTEGRATING MONOLITHIC MODIFIED RELEASE TABLETS CONTAINING QUADRI-LAYER EXTENDED RELEASE GRANULES**
[54] **COMPRIMES MONOLITHIQUES A LIBERATION MODIFIEE SE DESINTEGRANT, CONTENANT DES GRANULES A LIBERATION PROLONGEE QUADRI-COUCHES**
[72] MOHAMMAD, MOHAMMAD AMIN, JO
[71] PHARMAQUEST INTERNATIONAL CENTER, LLC, US
[85] 2016-10-04
[86] 2015-04-03 (PCT/US2015/024267)
[87] (WO2015/153984)
[30] US (61/975,540) 2014-04-04

[21] **2,944,908**
[13] A1
[51] **Int.Cl. G02B 3/00 (2006.01) G02B 3/04 (2006.01) G06F 3/01 (2006.01) H04N 5/335 (2011.01) H04N 21/80 (2011.01)**
[25] EN
[54] **IMAGING ARRANGEMENT FOR OBJECT MOTION DETECTION AND CHARACTERIZATION**
[54] **DISPOSITIF D'IMAGERIE POUR DETECTION ET CARACTERISATION DE MOUVEMENT D'OBJET**
[72] ZHOU, YING, US
[72] WANG, LI-PING, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-10-04
[86] 2015-05-16 (PCT/US2015/031272)
[87] (WO2015/176053)
[30] US (61/994,789) 2014-05-16
[30] US (14/714,086) 2015-05-15

[21] **2,944,913**
[13] A1
[51] **Int.Cl. A61B 17/221 (2006.01)**
[25] EN
[54] **MEDICAL RETRIEVAL DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES D'EXTRACTION MEDICALE**
[72] NGUYEN, MAN MINH, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2016-10-04
[86] 2015-07-02 (PCT/US2015/039093)
[87] (WO2016/007388)
[30] US (62/022,320) 2014-07-09

[21] **2,944,955**
[13] A1
[51] **Int.Cl. C12P 19/14 (2006.01) C12P 7/10 (2006.01) C12P 19/02 (2006.01) D21C 3/26 (2006.01)**
[25] EN
[54] **PROCESS FOR ENZYMATIC HYDROLYSIS OF LIGNOCELLULOSIC MATERIAL AND FERMENTATION OF SUGARS**
[54] **PROCEDE D'HYDROLYSE ENZYMATIQUE DE MATERIAU LIGNOCELLULOSIQUE, ET DE FERMENTATION DE SUCRES**
[72] NOORDAM, BERTUS, NL
[72] BEVERS, LOES ELIZABETH, NL
[72] PARTON, RUDY FRANCOIS MARIA JOZEF, NL
[72] BERKHOUT, MICHAEL PETRUS JOZEF, NL
[71] DSM IP ASSETS B.V., NL
[85] 2016-10-05
[86] 2015-04-29 (PCT/EP2015/059316)
[87] (WO2015/165951)
[30] EP (14166538.0) 2014-04-30
[30] EP (14166539.8) 2014-04-30
[30] EP (14166545.5) 2014-04-30
[30] EP (14167284.0) 2014-05-07
[30] EP (14167483.8) 2014-05-08

[21] **2,944,957**
[13] A1
[51] **Int.Cl. C12P 19/14 (2006.01) C12P 7/10 (2006.01) C12P 19/02 (2006.01) D21C 3/26 (2006.01)**
[25] EN
[54] **PROCESS FOR ENZYMATIC HYDROLYSIS OF LIGNOCELLULOSIC MATERIAL AND FERMENTATION OF SUGARS**
[54] **PROCEDE PERMETTANT L'HYDROLYSE ENZYMATIQUE DE MATIERE LIGNOCELLULOSIQUE ET LA FERMENTATION DE SUCRES**
[72] NOORDAM, BERTUS, NL
[72] BERKHOUT, MICHAEL PETRUS JOZEF, NL
[71] DSM IP ASSETS B.V., NL
[85] 2016-10-05
[86] 2015-04-29 (PCT/EP2015/059317)
[87] (WO2015/165952)
[30] EP (14166538.0) 2014-04-30
[30] EP (14166539.8) 2014-04-30
[30] EP (14166545.5) 2014-04-30
[30] EP (14167284.0) 2014-05-07
[30] EP (14167483.8) 2014-05-08

[21] **2,944,960**
[13] A1
[51] **Int.Cl. B22F 1/00 (2006.01) B22F 9/24 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING METAL POWDER**
[54] **PROCEDE DE FABRICATION DE POUDRE METALLIQUE**
[72] SETNA, ROHAN P, GB
[72] CHAKI, NIRMALYA KUMAR, US
[72] ROY, POULAMI SENGUPTA, US
[72] SARKAR, SIULI, US
[72] MUKHERJEE, SUTAPA, US
[71] ALPHA METALS, INC., US
[85] 2016-10-05
[86] 2015-04-10 (PCT/GB2015/051099)
[87] (WO2015/162405)
[30] IN (1102/DEL/2014) 2014-04-23

---

[21] **2,944,962**
[13] A1
[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/00 (2006.01) C07K 16/28 (2006.01) C07K 16/44 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **HUMANIZED ANTIBODIES AGAINST CD269 (BCMA)**
[54] **ANTICORPS HUMANISES DIRIGES CONTRE CD269 (BCMA)**
[72] ODEN, FELIX, DE
[72] MARINO, STEPHEN, DE
[72] DAUMKE, OLIVER, DE
[71] MAX-DELBRUCK-CENTRUM FUR MOLEKULARE MEDIZIN IN DER HELMHOLTZ-GEMEINSCHAFT, DE
[85] 2016-10-05
[86] 2015-04-30 (PCT/EP2015/059562)
[87] (WO2015/166073)
[30] EP (14166729.5) 2014-04-30

---

[21] **2,944,965**
[13] A1
[51] **Int.Cl. C12N 15/53 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) A24B 3/00 (2006.01) C12N 5/10 (2006.01) C12N 9/02 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **REDUCTION OF NICOTINE TO NORNICOTINE CONVERSION IN PLANTS**
[54] **REDUCTION DE LA CONVERSION DE NICOTINE EN NORNICOTINE DANS DES PLANTES**
[72] LIEDSCHULTE, VERENA, CH
[72] GOEPFERT, SIMON, CH
[72] BOVET, LUCIEN, CH
[72] SIERRO, NICOLAS, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2016-10-05
[86] 2015-05-07 (PCT/EP2015/060124)
[87] (WO2015/169927)
[30] EP (14167598.3) 2014-05-08
[30] EP (14001645.2) 2014-05-09

---

[21] **2,944,969**
[13] A1
[51] **Int.Cl. B32B 37/12 (2006.01) B29C 44/32 (2006.01) B32B 15/095 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR THE CONTINUOUS PRODUCTION OF PIR/PUIR/PUR FOAM CORED SANDWICH PANELS**
[54] **PROCEDE ET APPAREIL POUR LA PRODUCTION EN CONTINU DE PANNEAUX SANDWICH A NOYAU EN MOUSSE PIR/PUIR/PUR**
[72] AL RAMANATHAN, ELANGOVAN, MY
[72] XIONG, LOH CHER, MY
[71] BASF SE, DE
[85] 2016-10-05
[86] 2015-04-02 (PCT/EP2015/057408)
[87] (WO2015/155138)
[30] EP (14163723.1) 2014-04-07

---

[21] **2,944,970**
[13] A1
[51] **Int.Cl. C08F 2/22 (2006.01) C08F 218/08 (2006.01) C08J 3/16 (2006.01) C08L 31/04 (2006.01) D21H 19/36 (2006.01) D21H 21/08 (2006.01)**
[25] EN
[54] **AQUEOUS POLYMER DISPERSION FOR PAPER WITH A COPOLYMER OF VINYL ACETATE AND AN ACRYLATE MONOMER**
[54] **DISPERSION AQUEUSE DE POLYMERE POUR PAPIER CONTENANT UN COPOLYMERE D'ACETATE DE VINYLE ET UN MONOMERE ACRYLATE**
[72] VELING, NICO, DE
[72] JIMENEZ GARCIA, LUCIA, DE
[72] LAWRENZ, DIRK, DE
[71] BASF SE, DE
[85] 2016-10-05
[86] 2015-04-07 (PCT/EP2015/057454)
[87] (WO2015/155157)
[30] EP (14164343.7) 2014-04-11

---

[21] **2,944,972**
[13] A1
[51] **Int.Cl. C08F 2/22 (2006.01) C08F 2/44 (2006.01) C08F 218/08 (2006.01) C08J 3/16 (2006.01) C08L 31/04 (2006.01) D21H 19/36 (2006.01) D21H 21/08 (2006.01)**
[25] EN
[54] **AQUEOUS POLYMER DISPERSION FOR PAPER WITH A COPOLYMER OF VINYL ACETATE AND AN ACRYLATE MONOMER PREPARED IN THE PRESENCE OF A STARCH DERIVATIVE**
[54] **DISPERSION AQUEUSE DE POLYMERE POUR PAPIER COMPRENANT UN COPOLYMERE D'ACETATE DE VINYLE ET D'UN MONOMERE ACRYLATE PREPARE EN PRESENCE D'UN DERIVE D'AMIDON**
[72] VELING, NICO, DE
[72] JIMENEZ GARCIA, LUCIA, DE
[72] LAWRENZ, DIRK, DE
[71] BASF SE, DE
[85] 2016-10-05
[86] 2015-04-07 (PCT/EP2015/057456)
[87] (WO2015/155159)
[30] EP (14164346.0) 2014-04-11

[21] **2,944,974**
[13] A1
[51] **Int.Cl. B28B 1/48 (2006.01) B28B 11/08 (2006.01) C04B 35/64 (2006.01) C04B 35/71 (2006.01)**
[25] FR
[54] **PROCESS FOR MANUFACTURING A MULTIPERFORATED COMPOSITE PART**
[54] **PROCEDE DE FABRICATION D'UNE PIECE EN MATERIAU COMPOSITE MULTIPERFOREE**
[72] DUCHARLET, PASCAL, FR
[72] MARTIN, XAVIER, FR
[72] LABORDE, JOCELIN, FR
[71] HERAKLES, FR
[85] 2016-10-05
[86] 2015-04-02 (PCT/FR2015/050859)
[87] (WO2015/155445)
[30] FR (1453250) 2014-04-11

[21] **2,944,991**
[13] A1
[51] **Int.Cl. A01J 5/00 (2006.01) A01J 5/007 (2006.01) A01J 5/04 (2006.01) A01J 7/02 (2006.01) A01J 9/00 (2006.01)**
[25] EN
[54] **MILKING SYSTEM**
[54] **SYSTEME DE TRAITE**
[72] VAN TILBURG, RUBEN ALEXANDER, NL
[72] DIJKSHOORN, DIRK, NL
[72] DE HULLU, MATTHEUS JACOB, NL
[71] LELY PATENT N.V., NL
[85] 2016-10-05
[86] 2015-04-28 (PCT/NL2015/050282)
[87] (WO2015/170970)
[30] NL (2012793) 2014-05-09

[21] **2,945,024**
[13] A1
[51] **Int.Cl. B42D 25/328 (2014.01) B42D 25/29 (2014.01) B42D 25/324 (2014.01) B42D 25/425 (2014.01) B42D 25/43 (2014.01) G02B 5/18 (2006.01)**
[25] FR
[54] **COMPOSANT OPTIQUE DE SECURITE A EFFET REFLECTIF, FABRICATION D'UN TEL COMPOSANT ET DOCUMENT SECURISE EQUIPE D'UN TEL COMPOSANT**
[54] **OPTICAL SECURITY COMPONENT WITH REFLECTIVE EFFECT, PRODUCTION OF SUCH A COMPONENT AND SECURE DOCUMENT PROVIDED WITH SUCH A COMPONENT**
[72] PETITON, VALERY, FR
[72] TOLLET, VINCENT, FR
[71] SURYS, FR
[85] 2016-10-06
[86] 2015-03-12 (PCT/EP2015/055165)
[87] (WO2015/154943)
[30] FR (1453077) 2014-04-07
[30] FR (1453127) 2014-04-08

[21] **2,945,036**
[13] A1
[51] **Int.Cl. H04N 19/186 (2014.01) H04N 19/176 (2014.01) H04N 19/463 (2014.01) H04N 19/70 (2014.01) H04N 19/93 (2014.01)**
[25] EN
[54] **ESCAPE SAMPLE CODING IN PALETTE-BASED VIDEO CODING**
[54] **CODAGE D'ECHANTILLONS D'ECHAPPEMENT DANS LE CODAGE VIDEO BASE SUR UNE PALETTE**
[72] JOSHI, RAJAN LAXMAN, US
[72] SEREGIN, VADIM, US
[72] PU, WEI, US
[72] KARCZEWICZ, MARTA, US
[72] SOLE ROJALS, JOEL, US
[72] RAPAKA, KRISHNAKANTH, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-10-05
[86] 2015-05-22 (PCT/US2015/032247)
[87] (WO2015/179803)
[30] US (62/002,054) 2014-05-22
[30] US (62/010,313) 2014-06-10
[30] US (62/015,240) 2014-06-20
[30] US (62/031,766) 2014-07-31
[30] US (62/040,978) 2014-08-22
[30] US (62/114,533) 2015-02-10
[30] US (62/115,099) 2015-02-11
[30] US (14/719,215) 2015-05-21

[21] **2,945,039**
[13] A1
[51] **Int.Cl. H04N 19/186 (2014.01) H04N 19/176 (2014.01) H04N 19/463 (2014.01) H04N 19/70 (2014.01) H04N 19/91 (2014.01)**
[25] EN
[54] **MAXIMUM PALETTE PARAMETERS IN PALETTE-BASED VIDEO CODING**
[54] **PARAMETRES DE PALETTE MAXIMALE DANS UN CODAGE VIDEO BASE SUR UNE PALETTE**
[72] JOSHI, RAJAN LAXMAN, US
[72] SEREGIN, VADIM, US
[72] PU, WEI, US
[72] KARCZEWICZ, MARTA, US
[72] SOLE ROJALS, JOEL, US
[72] RAPAKA, KRISHNAKANTH, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-10-05
[86] 2015-05-22 (PCT/US2015/032250)
[87] (WO2015/179804)
[30] US (62/002,054) 2014-05-22
[30] US (62/010,313) 2014-06-10
[30] US (62/015,240) 2014-06-20
[30] US (62/031,766) 2014-07-31
[30] US (62/040,978) 2014-08-22
[30] US (62/114,533) 2015-02-10
[30] US (62/115,099) 2015-02-11
[30] US (14/719,228) 2015-05-21

[21] **2,945,042**
[13] A1
[51] **Int.Cl. H04N 19/93 (2014.01) H04N 19/129 (2014.01) H04N 19/176 (2014.01) H04N 19/186 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **CODING RUNS IN PALETTE-BASED VIDEO CODING**
[54] **EXECUTIONS DE CODAGE DANS UN SYSTEME DE CODAGE VIDEO BASE SUR UNE PALETTE**
[72] JOSHI, RAJAN LAXMAN, US
[72] SEREGIN, VADIM, US
[72] PU, WEI, US
[72] KARCZEWICZ, MARTA, US
[72] SOLE ROJALS, JOEL, US
[72] RAPAKA, KRISHNAKANTH, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-10-05
[86] 2015-05-22 (PCT/US2015/032256)
[87] (WO2015/179810)
[30] US (62/002,054) 2014-05-22
[30] US (62/010,313) 2014-06-10
[30] US (62/015,240) 2014-06-20
[30] US (62/031,766) 2014-07-31
[30] US (62/040,978) 2014-08-22
[30] US (62/114,533) 2015-02-10
[30] US (62/115,099) 2015-02-11
[30] US (14/719,222) 2015-05-21

---

[21] **2,945,062**
[13] A1
[51] **Int.Cl. C09K 8/58 (2006.01)**
[25] EN
[54] **SOLID-STABILIZED EMULSION**
[54] **EMULSION STABILISEE PAR DES SOLIDES**
[72] PARVULESCU, ANDREI-NICOLAE, DE
[72] KIMURA, RIICHIRO, US
[72] MAURER, STEFAN, CN
[72] BAUMANN, ROELF-PETER, DE
[72] SIGGEL, LORENZ, DE
[72] MULLER, ULRICH, DE
[71] WINTERSHALL HOLDING GMBH, DE
[85] 2016-10-06
[86] 2015-04-20 (PCT/EP2015/058490)
[87] (WO2015/162082)
[30] EP (14165414.5) 2014-04-22

---

[21] **2,945,066**
[13] A1
[51] **Int.Cl. C07K 14/71 (2006.01) A61K 39/00 (2006.01) C07K 16/28 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **HER1 ANTIGEN BINDING PROTEINS BINDING TO THE BETA-HAIRPIN OF HER1**
[54] **PROTEINES DE LIAISON A L'ANTIGENE HER1 SE LIANT A L'EPINGLE A CHEVEUX BETA DE HER1**
[72] BOSSENMAIER, BIRGIT, DE
[72] GERG, MICHAEL, DE
[72] NIEDERFELLNER, GERHARD, DE
[72] SCHRAEML, MICHAEL, DE
[72] PEESS, CARMEN, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-10-06
[86] 2015-05-12 (PCT/EP2015/060491)
[87] (WO2015/173249)
[30] EP (14168320.1) 2014-05-14

---

[21] **2,945,109**
[13] A1
[51] **Int.Cl. C25D 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING LEADING EDGE GUARD**
[54] **PROCEDE DE PRODUCTION D'UN ELEMENT DE PROTECTION DE BORD D'ATTAQUE**
[72] LI, QIANG, US
[72] KRAY, NICHOLAS JOSEPH, US
[72] PERETTI, MICHAEL W., US
[72] DAVIS, TOD WINTON, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-10-06
[86] 2015-04-02 (PCT/US2015/024043)
[87] (WO2015/160527)
[30] US (61/980,998) 2014-04-17

---

[21] **2,945,124**
[13] A1
[51] **Int.Cl. A61B 50/30 (2016.01) A61M 25/00 (2006.01)**
[25] EN
[54] **UROLOGICAL KIT PACKAGING**
[54] **EMBALLAGE DE KIT UROLOGIQUE**
[72] ROBERTS, THOMAS JOHN, US
[72] PRIVITERA, SALVATORE, US
[72] URBAN, JOSEPH ANTHONY, JR., US
[71] C.R. BARD, INC., US
[85] 2016-10-06
[86] 2015-04-08 (PCT/US2015/024993)
[87] (WO2015/157462)
[30] US (61/978,025) 2014-04-10
[30] US (62/111,084) 2015-02-02

---

[21] **2,945,151**
[13] A1
[51] **Int.Cl. A61K 31/52 (2006.01) A61K 31/519 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TREATMENT OF B-CELL MALIGNANCIES BY A COMBINATION JAK AND PI3K INHIBITORS**
[54] **TRAITEMENT D'AFFECTIONS MALIGNES PAR LYMPHOCYTES B PAR UN INHIBITEUR JAK ET PI3K COMBINE**
[72] SCHERLE, PEGGY A., US
[72] LIU, XUESONG, US
[71] INCYTE CORPORATION, US
[85] 2016-10-06
[86] 2015-04-07 (PCT/US2015/024676)
[87] (WO2015/157257)
[30] US (61/976,815) 2014-04-08

[21] **2,945,157**
[13] A1
[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/22 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **VEGFR2/ANG2 COMPOUNDS**
[54] **COMPOSES VEGFR2/ANG2**
[72] LEUNG, DONMIENNE DOEN MUN, US
[72] LIU, LING, US
[72] LU, JIRONG, US
[72] TANG, YING, US
[72] XU, JIANGHUAI, US
[71] ELI LILLY AND COMPANY, US
[85] 2016-10-06
[86] 2015-05-12 (PCT/US2015/030275)
[87] (WO2015/179168)
[30] US (62/000,227) 2014-05-19

[21] **2,945,164**
[13] A1
[51] **Int.Cl. A61C 17/20 (2006.01) A61C 1/07 (2006.01) A61C 1/18 (2006.01)**
[25] EN
[54] **ULTRSONIC DENTAL HANDPIECE**
[54] **PIECE A MAIN DENTAIRE POUR ULTRASONS**
[72] GUARAGNO, KENNETH R., US
[72] WITMER, JARED, US
[72] SWATTON, CLIVE, US
[71] DENTSPLY INTERNATIONAL INC., US
[85] 2016-10-06
[86] 2015-05-19 (PCT/US2015/031530)
[87] (WO2015/179371)
[30] US (62/000,145) 2014-05-19

[21] **2,945,173**
[13] A1
[51] **Int.Cl. H04W 72/12 (2009.01) H04W 16/14 (2009.01)**
[25] EN
[54] **TECHNIQUES FOR MANAGING RESOURCES FOR UPLINK TRANSMISSIONS IN A SHARED RADIO FREQUENCY SPECTRUM BAND**
[54] **TECHNIQUES DE GESTION DE RESSOURCES POUR DES TRANSMISSIONS EN LIAISON MONTANTE DANS UNE BANDE DE SPECTRE DE FREQUENCES RADIO PARTAGEES**
[72] CHEN, WANSHI, US
[72] DAMNJANOVIC, ALEKSANDAR, US
[72] MALLADI, DURGA PRASAD, US
[72] XU, HAO, US
[72] GAAL, PETER, US
[72] WEI, YONGBIN, US
[72] LUO, TAO, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-10-06
[86] 2015-04-21 (PCT/US2015/026872)
[87] (WO2015/179055)
[30] US (62/000,957) 2014-05-20
[30] US (14/618,738) 2015-02-10

[21] **2,945,185**
[13] A1
[51] **Int.Cl. A61F 2/95 (2013.01) A61F 2/962 (2013.01) A61F 2/966 (2013.01) A61F 2/97 (2013.01) A61B 17/34 (2006.01) A61F 2/06 (2013.01) A61F 2/24 (2006.01) A61F 2/07 (2013.01) A61F 2/954 (2013.01)**
[25] EN
[54] **PUSH AND PULL MEDICAL DEVICE DELIVERY SYSTEM**
[54] **SYSTEME DE POSE DE DISPOSITIF MEDICAL A MOUVEMENT DE PISTON**
[72] CULLY, EDWARD H., US
[72] KARINIEMI, RYAN D., US
[72] WILLIAMS, DAVID M., US
[71] W. L. GORE & ASSOCIATES, INC., US
[85] 2016-10-06
[86] 2015-05-01 (PCT/US2015/028903)
[87] (WO2015/168627)
[30] US (61/988,038) 2014-05-02
[30] US (14/701,508) 2015-04-30

[21] **2,945,190**
[13] A1
[51] **Int.Cl. H04W 52/02 (2009.01)**
[25] EN
[54] **MAXIMUM AWAY DURATION**
[54] **DUREE DE PERIODE D'ELOIGNEMENT MAXIMUM**
[72] JAFARIAN, AMIN, US
[72] ASTERJADHI, ALFRED, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-10-06
[86] 2015-05-05 (PCT/US2015/029189)
[87] (WO2015/171576)
[30] US (61/988,867) 2014-05-05
[30] US (14/703,849) 2015-05-04

[21] **2,945,197**
[13] A1
[51] **Int.Cl. H04W 80/02 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR SIGNALING USER ALLOCATIONS IN MULTI-USER WIRELESS COMMUNICATION NETWORKS**
[54] **PROCEDES ET APPAREIL DE SIGNALISATION D'ATTRIBUTIONS D'UTILISATEUR DANS DES RESEAUX DE COMMUNICATION SANS FIL MULTI-UTILISATEUR**
[72] REBEIZ, ERIC PIERRE, US
[72] TANDRA, RAHUL, US
[72] VERMANI, SAMEER, US
[72] TIAN, BIN, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-10-06
[86] 2015-05-06 (PCT/US2015/029502)
[87] (WO2015/171790)
[30] US (61/989,992) 2014-05-07
[30] US (62/020,243) 2014-07-02
[30] US (62/141,593) 2015-04-01
[30] US (14/704,878) 2015-05-05

[21] **2,945,200**
[13] A1
[51] **Int.Cl. C08J 3/05 (2006.01) A01N 25/14 (2006.01) A01N 37/36 (2006.01) A01N 43/653 (2006.01) A01P 3/00 (2006.01) A01P 7/04 (2006.01) A01P 13/00 (2006.01) C08L 25/08 (2006.01) C08L 35/00 (2006.01)**
[25] EN
[54] **AGROCHEMICAL FORMULATION**
[54] **FORMULATION AGROCHIMIQUE**
[72] NETTLETON-HAMMOND, JOHN HENRY, GB
[72] THOMSON, NIALL RAE, GB
[72] STANSSENS, DIRK ARMAND WIM, BE
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2016-10-07
[86] 2015-04-28 (PCT/EP2015/059233)
[87] (WO2015/165916)
[30] GB (1407384.5) 2014-04-28

[21] **2,945,201**
[13] A1
[51] **Int.Cl. A61K 39/39 (2006.01) A61K 39/145 (2006.01) A61P 31/16 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **VACCINE COMPOSITIONS**
[54] **COMPOSITIONS DE VACCIN**
[72] DREW, JEFFREY, GB
[71] STABILITECH LTD, GB
[85] 2016-10-07
[86] 2015-04-08 (PCT/GB2015/051072)
[87] (WO2015/155527)
[30] GB (1406569.2) 2014-04-11

[21] **2,945,203**
[13] A1
[51] **Int.Cl. C08K 5/04 (2006.01) C08J 3/18 (2006.01) C08K 5/12 (2006.01) C08K 5/1535 (2006.01) C08L 27/06 (2006.01)**
[25] EN
[54] **PLASTICIZER COMPOSITION WHICH CONTAINS FURAN DERIVATIVES AND TEREPHTHALIC ACID DIALKYL ESTERS**
[54] **COMPOSITION PLASTIFIANTE CONTENANT DES DERIVES DE FURANE ET DE DIALKYLESTER D'ACIDE TEREPHTALIQUE**
[72] STORZUM, UWE, US
[72] BREITSCHEIDEL, BORIS, DE
[71] BASF SE, DE
[85] 2016-10-07
[86] 2015-04-22 (PCT/EP2015/058631)
[87] (WO2015/162142)
[30] EP (14165766.8) 2014-04-24

[21] **2,945,344**
[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/00 (2006.01) A61B 17/32 (2006.01) A61B 17/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TISSUE REMOVAL**
[54] **SYSTEMES ET PROCEDES DE RETRAIT DE TISSU**
[72] WACHLI, SERENE, US
[72] BRESLIN, TRACY, US
[72] KESSLER, STEVEN, US
[72] POULSEN, NIKOLAI, US
[72] COLLINS, NATHAN, US
[72] DO, ALEXANDRA, US
[72] BOLANOS, EDUARDO, US
[72] PRAVONG, BOUN, US
[72] ELLIOTT, PATRICK, US
[72] WIXEY, MATTHEW, US
[72] YOUNG, WAYNE, US
[72] FILEK, JACOB, US
[72] CASTELO, KEVIN, US
[72] HOKE, ADAM, US
[72] HOFSTETTER, GREG, US
[72] DEMARCHI, JACQUELINE, US
[72] GARCES, AMY, US
[72] HOLMES, HEIDI, US
[72] SHEEHAN, ALEXANDER, US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
[85] 2016-10-07
[86] 2015-04-23 (PCT/US2015/027274)
[87] (WO2015/164591)
[30] US (61/982,997) 2014-04-23
[30] US (61/983,413) 2014-04-23
[30] US (62/014,038) 2014-06-18
[30] US (62/024,698) 2014-07-15
[30] US (62/079,171) 2014-11-13
[30] US (62/081,297) 2014-11-18
[30] US (62/107,107) 2015-01-23

[21] **2,945,349**
[13] A1
[51] **Int.Cl. F16L 58/02 (2006.01) B28B 21/56 (2006.01) F16L 9/08 (2006.01) F16L 57/06 (2006.01)**
[25] EN
[54] **LINER FOR CONCRETE ARTICLE**
[54] **REVETEMENT POUR ARTICLE EN BETON**
[72] SUBACCHI, CLAUDIO, US
[71] HAWKEYE CONCRETE PRODUCTS CO., US
[85] 2016-10-07
[86] 2015-05-12 (PCT/US2015/030272)
[87] (WO2015/175464)
[30] US (61/992,275) 2014-05-13

[21] **2,945,360**
[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) H04W 12/06 (2009.01) H04W 60/00 (2009.01) H04W 80/00 (2009.01) H04L 9/32 (2006.01)**
[25] EN
[54] **MESH NETWORK COMMISSIONING**
[54] **MISE EN SERVICE D'UN RESEAU MAILLE**
[72] TURON, MARTIN A., US
[72] ERICKSON, GRANT M., US
[72] BOROSS, CHRISTOPHER A., US
[72] LOGUE, JAY D., US
[71] GOOGLE INC., US
[85] 2016-10-07
[86] 2015-06-24 (PCT/US2015/037549)
[87] (WO2015/200558)
[30] US (62/016,450) 2014-06-24
[30] US (62/063,135) 2014-10-13
[30] US (62/115,601) 2015-02-12
[30] US (62/141,853) 2015-04-02

---

[21] **2,945,365**
[13] A1
[51] **Int.Cl. G09F 3/02 (2006.01) B65D 73/00 (2006.01)**
[25] EN
[54] **TAG ASSEMBLY FOR RETAINING AND DISPLAYING PRODUCTS**
[54] **ENSEMBLE ETIQUETTE DESTINE A MAINTENIR ET PRESENTER DES PRODUITS**
[72] WINTZ, TREVOR, US
[71] BEDFORD INDUSTRIES, INC., US
[85] 2016-10-07
[86] 2015-07-01 (PCT/US2015/038822)
[87] (WO2016/004199)
[30] US (62/019,984) 2014-07-02

---

[21] **2,945,405**
[13] A1
[51] **Int.Cl. E21B 29/00 (2006.01) E21B 43/114 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SEVERING A DRILL STRING**
[54] **PROCEDE ET APPAREIL DE SECTIONNEMENT D'UN TRAIN DE TIGES**
[72] CHURCHILL, ANDREW PHILIP, GB
[71] CHURCHILL DRILLING TOOLS LIMITED, GB
[85] 2016-10-11
[86] 2015-04-17 (PCT/GB2015/051160)
[87] (WO2015/159094)
[30] GB (1406959.5) 2014-04-17
[30] GB (1419368.4) 2014-10-30

---

[21] **2,945,410**
[13] A1
[51] **Int.Cl. F16L 9/08 (2006.01) F16L 25/00 (2006.01) F16L 58/10 (2006.01)**
[25] EN
[54] **REINFORCED CONCRETE PIPE**
[54] **TUYAU EN BETON ARME**
[72] SUBACCHI, CLAUDIO, US
[71] HAWKEYE CONCRETE PRODUCTS CO., US
[85] 2016-10-07
[86] 2015-05-11 (PCT/US2015/030071)
[87] (WO2015/175368)
[30] US (61/991,694) 2014-05-12

---

[21] **2,945,411**
[13] A1
[51] **Int.Cl. A61K 31/785 (2006.01) A61K 8/02 (2006.01) A61K 8/84 (2006.01) A61K 9/68 (2006.01) A61K 9/70 (2006.01) A61P 1/02 (2006.01) A61P 31/00 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION PAR VOIE ORALE**
[72] ARNOLD, CHRISTIAN, DE
[72] ARMANI, ARMIN, DE
[71] ARNOLD, CHRISTIAN, DE
[71] ARMANI, ARMIN, DE
[85] 2016-10-11
[86] 2015-04-17 (PCT/EP2015/058439)
[87] (WO2015/162070)
[30] DE (20 2014 101 882.4) 2014-04-22

---

[21] **2,945,412**
[13] A1
[51] **Int.Cl. C08L 23/02 (2006.01) C08J 3/24 (2006.01) C08J 3/28 (2006.01) C08K 5/07 (2006.01) F16L 9/12 (2006.01)**
[25] EN
[54] **POLYOLEFIN PIPE**
[54] **TUYAU EN POLYOLEFINE**
[72] ERICSSON, JAN, US
[72] MENSSEN, TODD, US
[71] UPONOR INNOVATION AB, SE
[85] 2016-10-11
[86] 2015-04-22 (PCT/EP2015/058663)
[87] (WO2015/162155)
[30] US (61/983,062) 2014-04-23

---

[21] **2,945,413**
[13] A1
[51] **Int.Cl. B41J 29/13 (2006.01) B41J 15/04 (2006.01)**
[25] EN
[54] **PRINTING DEVICE WITH CLOSABLE PRESENTING WINDOW AND METHOD FOR OPERATING OF SUCH DEVICE**
[54] **DISPOSITIF D'IMPRESSION AYANT UNE FENETRE DE PRESENTATION POUVANT ETRE FERMEE, ET PROCEDE DE FONCTIONNEMENT D'UN TEL DISPOSITIF**
[72] MONTAGUTELLI, DENIS, FR
[71] APS TRADING OOD, BG
[85] 2016-10-11
[86] 2015-04-23 (PCT/EP2015/058860)
[87] (WO2015/162231)
[30] EP (14165959.9) 2014-04-25

---

[21] **2,945,430**
[13] A1
[51] **Int.Cl. A61K 35/747 (2015.01) A61P 1/00 (2006.01) A61P 31/00 (2006.01)**
[25] EN
[54] **USE OF LACTOBACILLUS RHAMNOSUS FOR PROMOTING RECOVERY OF THE INTESTINAL MICROBIOTA DIVERSITY AFTER DYSBIOSIS**
[54] **UTILISATION DE LACTOBACILLUS RHAMNOSUS POUR FAVORISER LA RECUPERATION DE LA DIVERSITE DU MICROBIOTE INTESTINAL APRES DYSBIOSE**
[72] GROMPONE, GIANFRANCO, FR
[72] DERRIEN, MURIEL, FR
[72] VAN HYLCKAMA VLIEG, JOHAN, FR
[72] SERROR, PASCALE, FR
[72] RIGOTTIER-GOIS, LIONEL, FR
[72] CROUZET, LAUREEN, FR
[72] CHERBUY, CLAIRE, FR
[71] COMPAGNIE GERVAIS DANONE, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR
[85] 2016-10-11
[86] 2015-04-15 (PCT/IB2015/052753)
[87] (WO2015/159241)
[30] IB (PCT/IB2014/060742) 2014-04-15

[21] **2,945,480**
[13] A1
[51] **Int.Cl. B25C 1/04 (2006.01) B25C 1/00 (2006.01) H02J 7/00 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **FASTENER-DRIVING TOOL WITH AN ELECTRIC POWER GENERATOR**
[54] **OUTIL D'ENFONCEMENT D'ELEMENT DE FIXATION COMPRENANT UN GENERATEUR D'ENERGIE ELECTRIQUE**
[72] MOORE, STEPHEN P., US
[72] ZHAO, HANXIN, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2016-10-11
[86] 2015-03-06 (PCT/US2015/019134)
[87] (WO2015/156932)
[30] US (14/250,901) 2014-04-11

---

[21] **2,945,494**
[13] A1
[51] **Int.Cl. F16B 35/04 (2006.01) F16B 25/00 (2006.01) F16B 35/06 (2006.01) E04D 3/36 (2006.01) F16B 43/00 (2006.01)**
[25] EN
[54] **METAL TO METAL FASTENER**
[54] **ELEMENT DE FIXATION METAL SUR METAL**
[72] TAPATA, NEELIMA, US
[71] SIMPSON STRONG-TIE COMPANY, INC., US
[85] 2016-10-11
[86] 2015-04-08 (PCT/US2015/024872)
[87] (WO2015/157387)
[30] US (14/249,943) 2014-04-10

---

[21] **2,945,510**
[13] A1
[51] **Int.Cl. A61K 8/02 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **CONSUMER PRODUCTS**
[54] **PRODUITS DE CONSOMMATION**
[72] LYNCH, MATTHEW LAWRENCE, US
[72] GLENN, ROBERT WAYNE, JR., US
[72] WILLMAN, JOANNE ROBERTA, US
[72] KUTAY, BENJAMIN JOHN, US
[72] SAWIN, PHILIP ANDREW, US
[72] HAMERSKY, MARK WILLIAM, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-10-11
[86] 2015-05-05 (PCT/US2015/029129)
[87] (WO2015/171536)
[30] US (61/988,471) 2014-05-05

---

[21] **2,945,518**
[13] A1
[51] **Int.Cl. H04W 76/04 (2009.01) H04W 24/10 (2009.01) H04W 72/12 (2009.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR INTERFERENCE MITIGATION UTILIZING THIN CONTROL**
[54] **APPAREIL ET PROCEDE PERMETTANT DE LIMITER LES INTERFERENCES AU MOYEN D'UNE COMMANDE FINE**
[72] JI, TINGFANG, US
[72] SMEE, JOHN EDWARD, US
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] BHUSHAN, NAGA, US
[72] GAAL, PETER, US
[72] GOROKHOV, ALEXEI YURIEVITCH, US
[72] MUKKAVILLI, KRISHNA KIRAN, US
[72] HOWARD, MICHAEL ALEXANDER, US
[72] COOPER, ROTEM, US
[72] ANG, PETER, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-10-11
[86] 2015-05-07 (PCT/US2015/029634)
[87] (WO2015/179134)
[30] US (62/000,443) 2014-05-19
[30] US (14/533,893) 2014-11-05

---

[21] **2,945,520**
[13] A1
[51] **Int.Cl. H04W 72/12 (2009.01) H04W 72/14 (2009.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SYNCHRONOUS MULTIPLEXING AND MULTIPLE ACCESS FOR DIFFERENT LATENCY TARGETS UTILIZING THIN CONTROL**
[54] **APPAREIL ET PROCEDE DE MULTIPLEXAGE ET D'ACCES MULTIPLE SYNCHRONES POUR DIFFERENTES CIBLES DE LATENCE A L'AIDE DE COMMANDE MINCE**
[72] JI, TINGFANG, US
[72] SMEE, JOHN EDWARD, US
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] BHUSHAN, NAGA, US
[72] GAAL, PETER, US
[72] GOROKHOV, ALEXEI YURIEVITCH, US
[72] MUKKAVILLI, KRISHNA KIRAN, US
[72] HOWARD, MICHAEL ALEXANDER, US
[72] COOPER, ROTEM, US
[72] ANG, PETER, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-10-11
[86] 2015-05-07 (PCT/US2015/029637)
[87] (WO2015/179135)
[30] US (62/000,443) 2014-05-19
[30] US (14/533,923) 2014-11-05

---

[21] **2,945,526**
[13] A1
[51] **Int.Cl. C08L 101/12 (2006.01) B29C 49/00 (2006.01)**
[25] EN
[54] **GLOSSY ARTICLE**
[54] **ARTICLE BRILLANT**
[72] WANG, PING, CN
[72] YANG, LIANG, CN
[72] WANG, GAOYANG, CN
[72] RUAN, DONG, CN
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-10-12
[86] 2014-05-29 (PCT/CN2014/078792)
[87] (WO2015/180094)

[21] **2,945,534**
[13] A1
[51] **Int.Cl. H04N 19/186 (2014.01) H04N 19/157 (2014.01) H04N 19/176 (2014.01) H04N 19/463 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **PREDICTOR PALETTE INITIALIZATION IN PALETTE-BASED VIDEO CODING**
[54] **INITIALISATION DE PALETTE PREDICTIVE DANS UN CODAGE VIDEO BASE SUR PALETTE**
[72] SEREGIN, VADIM, US
[72] JOSHI, RAJAN LAXMAN, US
[72] KARCZEWICZ, MARTA, US
[72] PU, WEI, US
[72] SOLE ROJALS, JOEL, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-10-11
[86] 2015-05-22 (PCT/US2015/032262)
[87] (WO2015/179814)
[30] US (62/002,717) 2014-05-23
[30] US (62/009,772) 2014-06-09
[30] US (62/015,261) 2014-06-20
[30] US (62/019,223) 2014-06-30
[30] US (62/059,659) 2014-10-03
[30] US (62/065,526) 2014-10-17
[30] US (14/719,260) 2015-05-21

---

[21] **2,945,536**
[13] A1
[51] **Int.Cl. A61M 16/04 (2006.01) A61B 1/267 (2006.01) A61M 16/01 (2006.01)**
[25] EN
[54] **BOUGIE AND METHOD OF MAKING AND USING SAME**
[54] **BOUGIE ET SON PROCEDE DE FABRICATION ET D'UTILISATION**
[72] VASAN, NILESH R., US
[71] ADROIT SURGICAL, LLC, US
[85] 2016-10-11
[86] 2015-04-10 (PCT/US2015/025345)
[87] (WO2015/157657)
[30] US (14/251,296) 2014-04-11

---

[21] **2,945,549**
[13] A1
[51] **Int.Cl. F03D 80/60 (2016.01) F03D 9/25 (2016.01) F03D 80/80 (2016.01)**
[25] EN
[54] **AIR DUCT FOR WIND POWER PLANT, WIND POWER PLANT, METHOD OF MANUFACTURING AN AIR DUCT AND METHOD OF RETROFITTING A WIND POWER PANT WITH AN AIR D UCT**
[54] **CONDUIT D'AIR POUR CENTRALE EOLIENNE, CENTRALE EOLIENNE, PROCEDE DE FABRICATION D'UN CONDUIT D'AIR ET PROCEDE DE RATTRAPAGE D'UNE CENTRALE EOLIENNE AVEC UN CONDUIT D'AIR**
[72] SCHUMACHER, ROLAND, DE
[72] KRAMER, THOMAS, DE
[71] AREVA WIND GMBH, DE
[85] 2016-10-12
[86] 2015-04-15 (PCT/EP2015/058199)
[87] (WO2015/158788)
[30] EP (14164790.9) 2014-04-15

---

[21] **2,945,551**
[13] A1
[51] **Int.Cl. G06Q 20/34 (2012.01)**
[25] EN
[54] **MODULE FOR EMULATING AT LEAST ONE PAYMENT CARD, CORRESPONDING METHOD, PAYMENT DEVICE, COMPUTER PROGRAM PRODUCT AND STORAGE MEDIUM**
[54] **MODULE D'EMULATION D'AU MOINS UNE CARTE DE PAIEMENT, PROCEDE, DISPOSITI DE PAIEMENT, PRODUIT PROGRAMME D'ORDINATEUR ET MEDIUM DE STOCKAGE CORR SPONDANTS________________**
________________F E
[72] NACCACHE, DAVID, FR
[72] MAYER, LAURENT, FR
[72] EL KOUCHE, BILAL, FR
[71] INGENICO GROUP, FR
[85] 2016-10-12
[86] 2015-04-17 (PCT/EP2015/058375)
[87] (WO2015/158888)
[30] FR (1453544) 2014-04-18

---

[21] **2,945,557**
[13] A1
[51] **Int.Cl. A61M 5/19 (2006.01) A61M 5/00 (2006.01) A61M 5/28 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **A DISPOSABLE CASSETTE FOR STORING AND DELIVERING A MEDICAL DRUG**
[54] **CASSETTE JETABLE POUR STOCKER ET ADMINISTRER UN MEDICAMENT**
[72] JOHANSEN, ESBEN W., DK
[71] MEDICOM INNOVATION PARTNER A/S, DK
[85] 2016-10-12
[86] 2015-04-17 (PCT/EP2015/058416)
[87] (WO2015/165757)
[30] DK (PA2014 70248) 2014-04-29

---

[21] **2,945,560**
[13] A1
[51] **Int.Cl. C23C 14/16 (2006.01) C21D 7/13 (2006.01) C22C 21/00 (2006.01) C22C 38/06 (2006.01) C22F 1/04 (2006.01) C23C 2/04 (2006.01) C23C 2/12 (2006.01) C25D 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A STEEL COMPONENT WHICH IS SHAPED BY HOT-FORMING A STEEL SHEET WHICH HAS A METAL COATING, SUCH A STEEL SHEET, AND A STEEL COMPONENT PRODUCED FROM SAID STEEL SHEET BY MEANS OF A HOT-FORMING PROCESS**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT STRUCTUREL EN ACIER FACONNE PAR FORMAGE A CHAUD A PARTIR D'UNE TOLE D'ACIER DOTEE D'UN REVETEMENT METALLIQUE, TOLE D'ACIER DE CE TYPE, ET ELEMENT STRUCTUREL EN ACIER FABRIQUE PAR FORMAGE A CHAUD A PARTIR DE CETTE TOLE**
[72] SCHUHMACHER, BERND, DE
[72] SCHWERDT, CHRISTIAN, DE
[72] SCHROOTEN, AXEL, DE
[72] BAUSE, RALF, DE
[71] THYSSENKRUPP STEEL EUROPE AG, DE
[71] THYSSENKRUPP AG, DE
[85] 2016-10-12
[86] 2015-04-29 (PCT/EP2015/059397)
[87] (WO2015/173023)
[30] EP (14167917.5) 2014-05-12

[21] **2,945,562**
[13] A1
[51] **Int.Cl. F16B 21/08 (2006.01) B60R 21/20 (2011.01) F16B 2/24 (2006.01)**
[25] FR
[54] **DEVICE FOR ATTACHING USING STAPLING**
[54] **DISPOSITIF DE FIXATION PAR CRAMPONNAGE**
[72] MASCHAT, KEVIN, DE
[72] BINKERT, SVEN, DE
[71] A RAYMOND ET CIE, FR
[85] 2016-10-12
[86] 2015-04-20 (PCT/FR2015/051066)
[87] (WO2015/162365)
[30] FR (1453602) 2014-04-22

---

[21] **2,945,601**
[13] A1
[51] **Int.Cl. G06Q 20/00 (2012.01) G06Q 20/20 (2012.01) G06Q 20/32 (2012.01) G06Q 20/34 (2012.01)**
[25] EN
[54] **TRANSACTION IDENTIFICATION AND RECOGNITION**
[54] **RECONNAISSANCE ET IDENTIFICATION DE TRANSACTION**
[72] ROBERTS, DAVE, GB
[72] SMETS, PATRIK, BE
[72] MESTRE, PATRICK, BE
[72] MADDOCKS, IAN, GB
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2016-10-13
[86] 2015-04-10 (PCT/EP2015/057878)
[87] (WO2015/158628)
[30] GB (1406686.4) 2014-04-14

---

[21] **2,945,607**
[13] A1
[51] **Int.Cl. A47F 3/02 (2006.01) A47D 13/00 (2006.01) A47D 15/00 (2006.01) A47F 3/026 (2006.01) A61J 11/00 (2006.01) A61J 17/00 (2006.01)**
[25] EN
[54] **DEVICE FOR STORAGE AND SUPPLY OF AT LEAST ONE ORAL REQUIREMENT-FULFILLING ELEMENT**
[54] **DISPOSITIF DE STOCKAGE ET DE FOURNITURE D'AU MOINS UN ELEMENT A METTRE DANS LA BOUCHE POUR APAISER UN BESOIN**
[72] STAHL, PETER SEBASTIAN, DE
[71] STAHL, PETER SEBASTIAN, DE
[85] 2016-10-13
[86] 2015-04-10 (PCT/EP2015/057902)
[87] (WO2015/158630)
[30] DE (10 2014 105 287.0) 2014-04-14
[30] DE (10 2014 118 765.2) 2014-12-16

---

[21] **2,945,610**
[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01) G06Q 30/02 (2012.01) A63F 13/21 (2014.01) A63F 13/219 (2014.01) A63F 13/426 (2014.01) A63F 13/428 (2014.01) A63F 13/52 (2014.01) G06F 3/14 (2006.01)**
[25] EN
[54] **DISPLAY DEVICE VIEWER GAZE ATTRACTION**
[54] **ATTRACTION DU REGARD DE L'OBSERVATEUR D'UN DISPOSITIF D'AFFICHAGE**
[72] EDEN, IBRAHIM, US
[71] MICROSOFT TEHCNOLOGY LICENSING, LLC, US
[85] 2016-10-12
[86] 2015-04-23 (PCT/US2015/027186)
[87] (WO2015/167907)
[30] US (14/265,103) 2014-04-29

---

[21] **2,945,642**
[13] A1
[51] **Int.Cl. G06F 21/30 (2013.01) G06F 21/62 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SECURING ELECTRONIC DATA EXCHANGE BETWEEN AN INDUSTRIAL PROGRAMMABLE DEVICE AND A PORTABLE PROGRAMMABLE DEVICE**
[54] **PROCEDE ET SYSTEME DE SECURISATION D'UN ECHANGE DE DONNEES ELECTRONIQUES ENTRE UN DISPOSITIF PROGRAMMABLE INDUSTRIEL ET UN DISPOSITIF PROGRAMMABLE PORTABLE**
[72] POETE, STEPHANE, FR
[71] ALSTOM RENEWABLE TECHNOLOGIES, FR
[85] 2016-10-13
[86] 2015-04-21 (PCT/EP2015/058592)
[87] (WO2015/162127)
[30] EP (14290116.4) 2014-04-22

---

[21] **2,945,653**
[13] A1
[51] **Int.Cl. F15B 15/10 (2006.01)**
[25] EN
[54] **HYDRAULIC FLAT CYLINDER, HYDRAULIC LIFTING CUSHION, USE THEREOF AND METHOD OF ALIGNING A GENERATOR**
[54] **VERIN HYDRAULIQUE PLAT, COUSSIN DE LEVAGE, SON UTILISATION, ET PROCEDE D'ALIGNEMENT D'UN GENERATEUR**
[72] ROER, JOCHEN, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2016-10-13
[86] 2015-04-02 (PCT/EP2015/057330)
[87] (WO2015/169517)
[30] DE (102014208375.3) 2014-05-05

[21] **2,945,656**
[13] A1
[51] **Int.Cl. A47J 31/46 (2006.01) A47J 31/36 (2006.01) A47J 31/58 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION UNIT WITH SAFETY VALVE**
[54] **UNITE DE PREPARATION DE BOISSON COMPRENANT UNE SOUPAPE DE SECURITE**
[72] KOLLEP, ALEXANDRE, CH
[72] DUMUR, PHILIPPE, FR
[71] NESTEC S.A., CH
[85] 2016-10-13
[86] 2015-05-08 (PCT/EP2015/060143)
[87] (WO2015/173128)
[30] EP (14167849.0) 2014-05-12

---

[21] **2,945,657**
[13] A1
[51] **Int.Cl. A47J 31/00 (2006.01)**
[25] EN
[54] **MODULAR BEVERAGE PREPARATION DEVICE FOR PORTABLE AND STATIONARY USE**
[54] **DISPOSITIF MODULAIRE DE PREPARATION DE BOISSON DESTINE A ETRE UTILISE DE MANIERE PORTATIVE ET FIXE**
[72] KOLLEP, ALEXANDRE, CH
[72] DELAY, NICOLAS, CH
[71] NESTEC S.A., CH
[85] 2016-10-13
[86] 2015-05-08 (PCT/EP2015/060139)
[87] (WO2015/173125)
[30] EP (14167845.8) 2014-05-12

---

[21] **2,945,659**
[13] A1
[51] **Int.Cl. A47J 31/36 (2006.01) A47J 31/00 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION UNIT**
[54] **UNITE DE PREPARATION DE BOISSON**
[72] KOLLEP, ALEXANDRE, CH
[72] DUMUR, PHILIPPE, FR
[72] DELAY, NICOLAS, CH
[71] NESTEC S.A., CH
[85] 2016-10-13
[86] 2015-05-08 (PCT/EP2015/060142)
[87] (WO2015/173127)
[30] EP (14167848.2) 2014-05-12

---

[21] **2,945,660**
[13] A1
[51] **Int.Cl. C08L 23/06 (2006.01) B32B 27/32 (2006.01) C08J 5/18 (2006.01) C08L 3/02 (2006.01)**
[25] EN
[54] **MICROTEXTURED FILMS WITH IMPROVED TACTILE IMPRESSION AND/OR REDUCED NOISE PERCEPTION**
[54] **FILMS MICROTEXTURES PRESENTANT UNE IMPRESSION TACTILE AMELIOREE ET/OU UNE PERCEPTION DU BRUIT REDUITE**
[72] BROYLES, NORMAN SCOTT, US
[72] BROWN, APRIL RENAE, US
[72] ASHRAF, ARMAN, US
[72] GILBERTSON, GARY WAYNE, US
[72] GROTHAUS, JEFFREY THOMAS, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-10-12
[86] 2015-05-12 (PCT/US2015/030239)
[87] (WO2015/175445)
[30] US (61/991,923) 2014-05-12
[30] US (62/106,242) 2015-01-22

---

[21] **2,945,683**
[13] A1
[51] **Int.Cl. E02D 13/00 (2006.01)**
[25] EN
[54] **DEVICE FOR REDUCING UNDERWATER SOUND**
[54] **DISPOSITIF SERVANT A REDUIRE LES ONDES SONORES AQUATIQUES**
[72] ELMER, KARL-HEINZ, DE
[71] ELMER, KARL-HEINZ, DE
[85] 2016-07-26
[86] 2015-04-20 (PCT/DE2015/100167)
[87] (WO2015/161843)
[30] DE (20 2014 101 958.8) 2014-04-25

---

[21] **2,945,760**
[13] A1
[51] **Int.Cl. B21D 51/44 (2006.01) B21D 22/06 (2006.01) B21D 22/24 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FORMING A CAN END WITH CONTROLLED THINNING OF FORMED PORTIONS OF THE CAN END**
[54] **PROCEDE ET APPAREIL DESTINES A FORMER UNE EXTREMITE DE BOITE METALLIQUE COMPORTANT UN AMINCISSEMENT CONTROLE DES PARTIES FORMEES DE L'EXTREMITE DE LA BOITE METALLIQUE**
[72] TURNER, STEPHEN B., US
[71] ALFONS HAAR, INC., US
[85] 2016-10-13
[86] 2015-04-16 (PCT/US2015/026092)
[87] (WO2015/171282)
[30] US (14/269,830) 2014-05-05

---

[21] **2,945,797**
[13] A1
[51] **Int.Cl. C08G 18/68 (2006.01) C09J 5/06 (2006.01) C09J 7/02 (2006.01) C09J 175/14 (2006.01)**
[25] EN
[54] **BREATHABLE AND CROSSLINKABLE THERMOPLASTIC POLYURETHANE**
[54] **POLYURETHANE THERMOPLASTIQUE RETICULABLE ET PERMEABLE A L'AIR**
[72] MAKAL, UMIT G., US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2016-10-13
[86] 2015-04-24 (PCT/US2015/027442)
[87] (WO2015/164695)
[30] US (61/983,824) 2014-04-24
[30] US (61/989,909) 2014-05-07

[21] **2,945,806**
[13] A1
[51] **Int.Cl. A61B 17/16 (2006.01) B23C 5/10 (2006.01)**
[25] EN
[54] **SURGICAL BURS WITH DECOUPLED RAKE SURFACES AND CORRESPONDING AXIAL AND RADIAL RAKE ANGLES**
[54] **FRAISES CHIRURGICALES A SURFACES INCLINEES DECOUPLEES ET A ANGLES DE COUPE RADIAUX ET AXIAUX CORRESPONDANTS**
[72] KULAS, JOHN W., US
[72] STEARNS, DONALD E., US
[71] MEDTRONIC PS MEDICAL, INC., US
[85] 2016-10-13
[86] 2015-04-15 (PCT/US2015/025867)
[87] (WO2015/160884)
[30] US (61/980,102) 2014-04-16
[30] US (14/664,258) 2015-03-20

---

[21] **2,945,885**
[13] A1
[51] **Int.Cl. B25J 9/16 (2006.01) B25J 11/00 (2006.01)**
[25] EN
[54] **HUMANOID ROBOT WITH AN AUTONOMOUS LIFE CAPABILITY**
[54] **ROBOT HUMANOIDE DOTE D'UNE CAPACITE DE VIE AUTONOME**
[72] VELTROP, TAYLOR, FR
[72] MAISONNIER, BRUNO, FR
[72] MONCEAUX, JEROME, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
[85] 2016-10-14
[86] 2015-04-17 (PCT/EP2015/058355)
[87] (WO2015/158877)
[30] EP (14305578.8) 2014-04-17

---

[21] **2,945,896**
[13] A1
[51] **Int.Cl. B25J 9/16 (2006.01) B25J 11/00 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR HANDLING HUMANOID ROBOT INTERACTION WITH HUMAN**
[54] **SYSTEME, PROCEDE ET PRODUIT PROGRAMME D'ORDINATEUR PERMETTANT DE GERER L'INTERACTION D'UN ROBOT HUMANOIDE AVEC UN ETRE HUMAIN**
[72] LE BORGNE, MATHIAS, FR
[72] MAISONNIER, BRUNO, FR
[72] MONCEAUX, JEROME, FR
[72] VELTROP, TAYLOR, FR
[72] HERVIER, THIBAULT, FR
[72] JACOB, GUILLAUME, FR
[72] GATE, GWENNAEL, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
[85] 2016-10-14
[86] 2015-04-17 (PCT/EP2015/058353)
[87] (WO2015/158876)
[30] EP (14305577.0) 2014-04-17

---

[21] **2,945,936**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 9/44 (2006.01)**
[25] EN
[54] **PLATFORM FOR PROVIDING CUSTOMIZABLE USER ACTIVITY EXPERIENCES**
[54] **PLATEFORME CONCUE POUR PROPOSER DES EXPERIENCES D'ACTIVITES UTILISATEUR PERSONNALISABLES**
[72] HERTEL, ALEXANDER, US
[72] HERTEL, PHILIPP, US
[71] XPERIEL, INC., US
[85] 2016-10-14
[86] 2015-04-13 (PCT/US2015/025592)
[87] (WO2015/160713)
[30] US (14/253,621) 2014-04-15

---

[21] **2,945,944**
[13] A1
[51] **Int.Cl. H04N 21/234 (2011.01) H04N 21/2343 (2011.01) H04J 11/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SENDING AND RECEIVING BROADCAST SIGNALS**
[54] **APPAREIL ET METHODE D'ENVOI ET DE RECEPTION DE SIGNAUX DIFFUSES**
[72] KIM, JAEHYUNG, KR
[72] MUN, CHULKYU, KR
[72] KO, WOOSUK, KR
[72] BAEK, JONGSEOB, KR
[72] HONG, SUNGRYONG, KR
[71] LG ELECTRONICS INC., KR
[85] 2016-10-14
[86] 2015-07-07 (PCT/KR2015/007023)
[87] (WO2016/153117)
[30] US (62/137,800) 2015-03-24
[30] US (62/138,962) 2015-03-26
[30] US (62/142,487) 2015-04-03
[30] US (62/145,456) 2015-04-09
[30] US (62/152,050) 2015-04-24

---

[21] **2,946,075**
[13] A1
[51] **Int.Cl. B66B 7/06 (2006.01) D07B 1/00 (2006.01)**
[25] EN
[54] **ELEVATOR HOISTING MEMBER AND METHOD OF USE**
[54] **ELEMENT D'ELEVATION D'ASCENSEUR ET PROCEDE D'UTILISATION**
[72] BREITE, CHRISTIAN, DE
[72] BRAY, MICHAEL, US
[72] FELIS, THOMAS, US
[71] THYSSENKRUPP ELEVATOR AG, DE
[85] 2016-10-17
[86] 2015-04-24 (PCT/EP2015/058954)
[87] (WO2015/162263)
[30] US (61/984,404) 2014-04-25

[21] **2,946,076**
[13] A1
[51] **Int.Cl. A47J 31/00 (2006.01) A47J 31/36 (2006.01) A47J 31/44 (2006.01) A47J 43/046 (2006.01) A47J 43/07 (2006.01) A47J 43/08 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION DEVICE FOR PREPARATION OF A COOLED AND FOAMED BEVERAGE**
[54] **DISPOSITIF DE PREPARATION DE BOISSONS POUR LA PREPARATION D'UNE BOISSON FROIDE ET MOUSSEUSE**
[72] AIT BOUZIAD, YOUCEF, CH
[72] PERRIN, ALEXA, CH
[71] NESTEC S.A., CH
[85] 2016-10-17
[86] 2015-05-07 (PCT/EP2015/060067)
[87] (WO2015/173113)
[30] EP (14167999.3) 2014-05-13

---

[21] **2,946,078**
[13] A1
[51] **Int.Cl. A61B 17/12 (2006.01)**
[25] EN
[54] **OCCLUSION DEVICE**
[54] **DISPOSITIF D'OCCLUSION**
[72] GRIFFIN, STEPHEN, US
[71] CERUS ENDOVASCULAR LIMITED, GB
[85] 2016-10-17
[86] 2015-04-29 (PCT/EP2015/059429)
[87] (WO2015/166013)
[30] US (61/986,369) 2014-04-30
[30] US (62/083,672) 2014-11-24

---

[21] **2,946,084**
[13] A1
[51] **Int.Cl. A47J 31/00 (2006.01) A47J 31/36 (2006.01) A47J 31/44 (2006.01) A47J 31/46 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION DEVICE FOR HOT AND COLD BEVERAGES**
[54] **DISPOSITIF DE PREPARATION DE BOISSONS POUR BOISSONS CHAUDES ET FROIDES**
[72] AIT BOUZIAD, YOUCEF, CH
[72] AGON, FABIEN LUDOVIC, CH
[72] YOAKIM, ALFRED, CH
[71] NESTEC S.A., CH
[85] 2016-10-17
[86] 2015-05-07 (PCT/EP2015/060024)
[87] (WO2015/173100)
[30] EP (14168001.7) 2014-05-13

---

[21] **2,946,096**
[13] A1
[51] **Int.Cl. G07F 17/32 (2006.01) G07C 15/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM TO FUND AND CONDUCT SECOND CHANCE GAMES**
[54] **PROCEDE ET SYSTEME POUR FINANCER ET CONDUIRE DES JEUX DE SECONDE CHANCE**
[72] MOUND, ANDREW JONATHAN, US
[71] SCIENTIFIC GAMES HOLDINGS LIMITED, IE
[85] 2016-10-17
[86] 2015-04-17 (PCT/IB2015/052824)
[87] (WO2015/162533)
[30] US (14/260,436) 2014-04-24

---

[21] **2,946,118**
[13] A1
[51] **Int.Cl. G06F 9/46 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **PROCESSING DATA FROM MULTIPLE SOURCES**
[54] **TRAITEMENT DE DONNEES PROVENANT DE MULTIPLES SOURCES**
[72] SCHECHTER, IAN, US
[72] WAKELING, TIM, US
[72] WOLLRATH, ANN M., US
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2016-10-17
[86] 2015-04-16 (PCT/US2015/026088)
[87] (WO2015/161025)
[30] US (14/255,579) 2014-04-17

---

[21] **2,946,140**
[13] A1
[51] **Int.Cl. G07F 17/32 (2006.01)**
[25] EN
[54] **WAGER RECOGNITION SYSTEM HAVING AMBIENT LIGHT SENSOR AND RELATED METHOD**
[54] **SYSTEME DE RECONNAISSANCE DE PARI COMPORTANT UN CAPTEUR DE LUMIERE AMBIANTE ET PROCEDE ASSOCIE**
[72] HELGESEN, JAMES P., US
[72] NELSON, TROY D., US
[72] ZVERCOV, VLADISLAV, US
[71] BALLY GAMING, INC., US
[85] 2016-10-17
[86] 2015-04-22 (PCT/US2015/027134)
[87] (WO2015/164523)
[30] US (14/260,042) 2014-04-23

---

[21] **2,946,143**
[13] A1
[51] **Int.Cl. G06Q 20/08 (2012.01) G06Q 20/32 (2012.01) G06Q 20/34 (2012.01)**
[25] FR
[54] **METHOD FOR PROCESSING TRANSACTION DATA, DEVICE AND CORRESPONDING PROGRAM**
[54] **PROCEDE DE TRAITEMENT DE DONNEES TRANSACTIONNELLES, DISPOSITIF ET PROGRAMME CORRESPONDANT**
[72] QUENTIN, PIERRE, FR
[71] INGENICO GROUP, FR
[85] 2016-10-14
[86] 2015-04-10 (PCT/EP2015/057836)
[87] (WO2015/158618)
[30] FR (1453568) 2014-04-18

---

[21] **2,946,145**
[13] A1
[51] **Int.Cl. G06Q 20/08 (2012.01) G06Q 20/32 (2012.01) G06Q 20/34 (2012.01) G06Q 20/38 (2012.01)**
[25] FR
[54] **METHODS FOR PROCESSING TRANSACTIONAL DATA, AND CORRESPONDING DEVICES AND PROGRAMS**
[54] **PROCEDES DE TRAITEMENT DE DONNEES TRANSACTIONNELLES, DISPOSITIFS ET PROGRAMMES CORRESPONDANTS**
[72] SARRADIN, JEAN-LOUIS, FR
[71] INGENICO GROUP, FR
[85] 2016-10-14
[86] 2015-04-10 (PCT/EP2015/057837)
[87] (WO2015/158619)
[30] FR (1453569) 2014-04-18

[21] **2,946,225**
[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/02 (2006.01) E21B 33/03 (2006.01) E21B 34/02 (2006.01)**
[25] EN
[54] **WELLHEAD PORT PLUG ASSEMBLY**
[54] **ENSEMBLE BOUCHON D'ORIFICE DE TETE DE PUITS**
[72] GUEDES, LINO, NO
[72] BOLAGER, ANDRE, NO
[72] KLEPPA, ERLING, NO
[72] HARESTAD, KRISTIAN, NO
[72] KVASNES, TROND, NO
[71] PETROLEUM TECHNOLOGY COMPANY AS, NO
[85] 2016-10-18
[86] 2015-04-24 (PCT/EP2015/058880)
[87] (WO2015/162241)
[30] NO (20140536) 2014-04-25

---

[21] **2,946,255**
[13] A1
[51] **Int.Cl. B63J 4/00 (2006.01)**
[25] EN
[54] **PLANT FOR THE TREATMENT OF WASTE WATER ON BOARD OF VESSELS**
[54] **INSTALLATION POUR LE TRAITEMENT DES EAUX USEES A BORD DE NAVIRES**
[72] PANSERA, MARIO, IT
[72] ROSSI, MAURIZIO, IT
[71] OZONO ELETTRONICA INTERNAZIONALE S.R.L., IT
[85] 2016-10-18
[86] 2015-06-18 (PCT/EP2015/063679)
[87] (WO2015/193416)
[30] IT (BG2014A000021) 2014-06-19

---

[21] **2,946,448**
[13] A1
[51] **Int.Cl. G01N 27/403 (2006.01) G01N 33/00 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL CELL**
[54] **CELLULE ELECTROCHIMIQUE**
[72] ZANON, MARIO, GB
[72] ROBINS, IAN, GB
[71] SPRUE SAFETY PRODUCTS LTD., GB
[85] 2016-10-20
[86] 2015-04-22 (PCT/GB2015/051185)
[87] (WO2015/162418)
[30] GB (1407058.5) 2014-04-22

---

[21] **2,946,455**
[13] A1
[51] **Int.Cl. C13K 1/00 (2006.01) C13B 10/00 (2011.01) C13K 1/02 (2006.01) C13K 13/00 (2006.01)**
[25] EN
[54] **LIQUID CO-EXTRACTION PROCESS FOR PRODUCTION OF SUCROSE, XYLO-OLIGOSACCHARIDES AND XYLOSE FROM FEEDSTOCK**
[54] **PROCEDE DE CO-EXTRACTION LIQUIDE POUR LA PRODUCTION DE SACCHAROSE, DE XYLO-OLIGOSACCHARIDES ET DE XYLOSE A PARTIR D'UNE CHARGE D'ALIMENTATION**
[72] SAVILLE, BRADLEY A., CA
[71] PRENEXUS HEALTH LLC, US
[85] 2016-10-20
[86] 2015-04-29 (PCT/CA2015/000279)
[87] (WO2015/164948)
[30] US (61/985,498) 2014-04-29

---

[21] **2,946,486**
[13] A1
[51] **Int.Cl. G01D 21/00 (2006.01) G01M 17/00 (2006.01)**
[25] EN
[54] **MONITOR PERFORMANCE ANALYSIS**
[54] **ANALYSE DES PERFORMANCES D'UN MONITEUR**
[72] KARSIDAG, SULEYMAN TARKAN, CA
[72] DESY, PHILIPPE, CA
[71] BOMBARDIER INC., CA
[85] 2016-10-20
[86] 2015-04-20 (PCT/IB2015/052875)
[87] (WO2015/162541)
[30] US (61/984,285) 2014-04-25

---

[21] **2,946,494**
[13] A1
[51] **Int.Cl. D21H 17/70 (2006.01) C08K 9/02 (2006.01) D21H 13/12 (2006.01) D21H 17/33 (2006.01) D21H 17/67 (2006.01)**
[25] EN
[54] **A METHOD OF MAKING A THERMOPLASTIC FIBER COMPOSITE MATERIAL AND WEB**
[54] **PROCEDE DE FABRICATION DE BANDE ET DE MATERIAU COMPOSITE DE FIBRE THERMOPLASTIQUE**
[72] BACKFOLK, KAJ, FI
[71] STORA ENSO OYJ, FI
[85] 2016-10-20
[86] 2015-05-06 (PCT/IB2015/053297)
[87] (WO2015/170262)
[30] SE (1400228-1) 2014-05-08

---

[21] **2,946,503**
[13] A1
[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) C07K 16/00 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **MODIFIED ANTIGEN BINDING POLYPEPTIDE CONSTRUCTS AND USES THEREOF**
[54] **CONSTRUCTIONS MODIFIEES DE POLYPEPTIDE DE LIAISON A UN ANTIGENE ET LEURS UTILISATIONS**
[72] SANCHES, MARIO, CA
[72] SPRETER VON KREUDENSTEIN, THOMAS, CA
[72] DIXIT, SURJIT BHIMARAO, CA
[72] UROSEV, DUNJA, CA
[72] D'ANGELO, IGOR EDMONDO PAOLO, CA
[72] TOM-YEW, STACEY A. L., CA
[72] CHOU, YANG-CHIEH, US
[72] CORPER, ADAM LOUIS, US
[71] ZYMEWORKS INC., CA
[85] 2016-10-20
[86] 2015-05-29 (PCT/IB2015/054107)
[87] (WO2015/181805)
[30] US (62/003,663) 2014-05-28
[30] US (62/154,055) 2015-04-28

[21] **2,946,504**
[13] A1
[51] **Int.Cl. F02B 71/00 (2006.01) F01L 11/00 (2006.01) F02B 71/04 (2006.01)**
[25] EN
[54] **FREE PISTON ENGINE**
[54] **MOTEUR A PISTON LIBRE**
[72] YAAKOBY, SHAUL, IL
[71] YAAKOBY, SHAUL, IL
[85] 2016-10-20
[86] 2015-04-22 (PCT/IL2015/050425)
[87] (WO2015/162614)
[30] US (61/983,469) 2014-04-24

---

[21] **2,946,505**
[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ON-LINE IDENTIFICATION OF ACTIVE VIRTUAL MOBILE BASE-STATIONS, BASED ON ACTIVE NETWORK MEASUREMENTS**
[54] **SYSTEME ET PROCEDE POUR IDENTIFICATION EN LIGNE DE STATIONS DE BASE MOBILES VIRTUELLES ACTIVES, SUR LA BASE DE MESURES DE RESEAU ACTIF**
[72] SHAUL, DAVID, IL
[71] WAVE GUARD TECHNOLOGIES LTD., IL
[85] 2016-10-20
[86] 2015-04-30 (PCT/IL2015/050453)
[87] (WO2015/166501)
[30] IL (232423) 2014-05-01

---

[21] **2,946,506**
[13] A1
[51] **Int.Cl. A61F 13/53 (2006.01) A61F 13/534 (2006.01)**
[25] EN
[54] **STRETCH BREATHABLE PROTECTIVE ABSORBENT ARTICLE USING BILAMINATE**
[54] **ARTICLE ABSORBANT PROTECTEUR RESPIRANT ETIRABLE UTILISANT UN BI-STRATIFIE**
[72] NELSON, CHRISTOPHER, US
[71] MEDLINE INDUSTRIES, INC., US
[85] 2016-10-19
[86] 2015-04-16 (PCT/US2015/026104)
[87] (WO2015/164170)
[30] US (14/257,481) 2014-04-21

---

[21] **2,946,507**
[13] A1
[51] **Int.Cl. A61F 13/53 (2006.01) A61F 13/534 (2006.01)**
[25] EN
[54] **STRETCH BREATHABLE PROTECTIVE ABSORBENT ARTICLE USING TRI-LAMINATE**
[54] **ARTICLE ABSORBANT PROTECTEUR RESPIRANT EXTENSIBLE UTILISANT UN TRI-STRATIFIE**
[72] NELSON, CHRISTOPHER, US
[71] MEDLINE INDUSTRIES, INC., US
[85] 2016-10-19
[86] 2015-04-16 (PCT/US2015/026119)
[87] (WO2015/164173)
[30] US (14/257,450) 2014-04-21

---

[21] **2,946,508**
[13] A1
[51] **Int.Cl. H04L 12/891 (2013.01) H04L 12/951 (2013.01)**
[25] EN
[54] **COMMUNICATION DEVICE, COMMUNICATION SYSTEM, COMMUNICATION METHOD, AND STORAGE MEDIUM STORING PROGRAM FOR COMMUNICATION**
[54] **DISPOSITIF DE COMMUNICATION, SYSTEME DE COMMUNICATION, PROCEDE DE COMMUNICATION ET SUPPORT D'INFORMATIONS STOCKANT UN PROGRAMME POUR UNE COMMUNICATION**
[72] HIRATA, IKUO, JP
[71] NEC CORPORATION, JP
[85] 2016-10-20
[86] 2015-05-07 (PCT/JP2015/002320)
[87] (WO2015/170475)
[30] JP (2014-096762) 2014-05-08

---

[21] **2,946,511**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 14/54 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING CYTOKINE-RELATED DISORDERS**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DE TROUBLES LIES AUX CYTOKINES**
[72] BEHRENS, EDWARD M., US
[72] ROOD, JULIA E., US
[72] KAMBAYASHI, TAKU, US
[71] THE CHILDEN'S HOSPITAL OF PHILADELPHIA, US
[71] TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2016-10-19
[86] 2015-04-21 (PCT/US2015/026840)
[87] (WO2015/164354)
[30] US (61/982,026) 2014-04-21
[30] US (61/993,495) 2014-05-15
[30] US (62/146,684) 2015-04-13

---

[21] **2,946,512**
[13] A1
[51] **Int.Cl. B65D 1/02 (2006.01)**
[25] EN
[54] **BOTTLE**
[54] **BOUTEILLE**
[72] OGUCHI, HIROKI, JP
[71] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2016-10-20
[86] 2015-02-12 (PCT/JP2015/053795)
[87] (WO2015/166682)
[30] JP (2014-093353) 2014-04-30

[21] **2,946,513**
[13] A1
[51] **Int.Cl. C22F 1/10 (2006.01) B22F 3/02 (2006.01) B22F 3/24 (2006.01) B22F 5/04 (2006.01) C22C 19/05 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01) F04D 29/38 (2006.01) C22F 1/00 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING NI ALLOY PART**
[54] **PROCEDE DE PRODUCTION D'UN COMPOSANT D'ALLIAGE DE NI**
[72] TSUNO, NOBUYASU, JP
[72] IKEDA, SHUJI, JP
[71] IHI CORPORATION, JP
[85] 2016-10-20
[86] 2015-07-13 (PCT/JP2015/069981)
[87] (WO2016/013433)
[30] JP (2014-149611) 2014-07-23

[21] **2,946,514**
[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01)**
[25] EN
[54] **OPTOGENETIC ANALYSIS OF COMPOUNDS**
[54] **ANALYSE OPTOGENETIQUE DE COMPOSES**
[72] EGGAN, KEVIN C., US
[72] COHEN, ADAM, US
[72] KRALJ, JOEL, US
[72] KISKINIS, EVANGELOS, US
[71] Q-STATE BIOSCIENCES, INC., US
[85] 2016-10-19
[86] 2015-04-21 (PCT/US2015/026858)
[87] (WO2015/164363)
[30] US (61/982,589) 2014-04-22

[21] **2,946,515**
[13] A1
[51] **Int.Cl. A61G 12/00 (2006.01) G08B 25/00 (2006.01) H04M 9/00 (2006.01) H04Q 3/58 (2006.01)**
[25] EN
[54] **NURSE CALL SYSTEM, NURSE CALL CONVERSION UNIT, NURSE CALL CONNECTION METHOD, AND PROGRAM**
[54] **SYSTEME D'APPEL D'INFIRMIER, UNITE DE CONVERSION D'APPEL D'INFIRMIER, PROCEDE DE CONNEXION D'APPEL D'INFIRMIER, ET PROGRAMME**
[72] OMI, TAKUYA, JP
[72] MARUYAMA, SHIGERU, JP
[72] NOGAMI, KOU, JP
[72] ASHIDA, RINTAROU, JP
[72] UTSUKI, KEN, JP
[72] MURAKAMI, NORIO, JP
[71] NEC PLATFORMS, LTD., JP
[71] NIPPON TELEGRAPH AND TELEPHONE EAST CORPORATION, JP
[71] NIPPON TELEGRAPH AND TELEPHONE WEST CORPORATION, JP
[85] 2016-10-20
[86] 2015-10-22 (PCT/JP2015/079855)
[87] (WO2016/072283)
[30] JP (2014-226789) 2014-11-07

[21] **2,946,516**
[13] A1
[51] **Int.Cl. C07C 279/26 (2006.01) A61K 31/155 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **NOVEL COMPOUND HAVING IMMUNE DISEASE TREATMENT EFFECT AND USE THEREOF**
[54] **NOUVEAU COMPOSE AYANT UN EFFET THERAPEUTIQUE SUR LES MALADIES IMMUNITAIRES ET UTILISATION DE CE COMPOSE**
[72] CHO, MI-LA, KR
[72] SHIN, DONG-YUN, KR
[72] PARK, SUNG-HWAN, KR
[72] YANG, CHUL- WOO, KR
[72] CHOI, JONG-YOUNG, KR
[72] PARK, MIN-JUNG, KR
[72] SON, HYE-JIN, KR
[72] LEE, SUNG-HEE, KR
[72] LEE, SEON-YEONG, KR
[72] KIM, EUN-KYUNG, KR
[72] KIM, JAE-KYUNG, KR
[72] LEE, SEUNG-HUN, KR
[72] PARK, SEONG-HYEOK, KR
[71] THE CATHOLIC UNIVERSITY OF KOREA INDUSTRY-ACADEMIC COOPERATION FOUNDATION, KR
[85] 2016-10-20
[86] 2015-04-29 (PCT/KR2015/004299)
[87] (WO2015/167243)
[30] KR (10-2014-0051261) 2014-04-29
[30] KR (10-2015-0060182) 2015-04-29

[21] **2,946,518**
[13] A1
[51] **Int.Cl. A61K 31/5377 (2006.01) A61K 9/16 (2006.01) A61K 9/48 (2006.01) A61K 47/04 (2006.01) A61K 47/20 (2006.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **PREPARATION CONTAINING TETRACYCLIC COMPOUND AT HIGH DOSE**
[54] **PREPARATION CONTENANT UN COMPOSE TETRACYCLIQUE A HAUTE DOSE**
[72] TOMIMATSU, TAKASHI, JP
[72] OKAZAKI, KENSUKE, JP
[72] OGAWA, YUMI, JP
[72] YAMAMURA, TAKAHIRO, JP
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[85] 2016-10-20
[86] 2015-04-24 (PCT/JP2015/062520)
[87] (WO2015/163448)
[30] JP (2014-092101) 2014-04-25

---

[21] **2,946,520**
[13] A1
[51] **Int.Cl. E04B 1/84 (2006.01) G10K 11/16 (2006.01)**
[25] EN
[54] **SOUND ABSORBING MATERIAL, A METHOD FOR PRODUCTION OF THE SAME AND DEVICE FOR CUTTING APERTURES IN THE SOUND ABSORBING MATERIAL**
[54] **MATERIAU INSONORISANT, SON PROCEDE DE PRODUCTION ET DISPOSITIF DE DECOUPE D'OUVERTURES DANS LE MATERIAU INSONORISANT**
[72] BJORN ANDRE, FLOTRE, NO
[72] CIRSTEA, SILVIA, GB
[72] TOULSON, EDWIN ROBERT, GB
[71] DEAMP AS, NO
[71] MLT-MICRO LASER TECHNOLOGY GMBH, DE
[71] NOWOFOL KUNSTSTOFFPRODUKTE GMBH & CO. KG, DE
[71] ACOUSTIC GRG PRODUCTS LTD., GB
[85] 2016-10-20
[86] 2015-04-29 (PCT/NO2015/000008)
[87] (WO2015/167342)
[30] NO (20140549) 2014-04-29

---

[21] **2,946,521**
[13] A1
[51] **Int.Cl. E21B 17/00 (2006.01) F16J 15/02 (2006.01)**
[25] EN
[54] **REDUNDANT SHAFT SEALS IN ESP SEAL SECTION**
[54] **JOINTS D'ARBRE REDONDANTS DANS UNE SECTION DE JOINT D'ESP**
[72] COLLINS, CHARLES, US
[72] LE, JAMES, US
[71] GE OIL & GAS ESP, INC., US
[85] 2016-10-20
[86] 2014-05-01 (PCT/US2014/036415)
[87] (WO2015/167571)

---

[21] **2,946,523**
[13] A1
[51] **Int.Cl. C07D 213/75 (2006.01) A61K 31/4418 (2006.01) A61P 1/08 (2006.01) C07D 213/76 (2006.01) C07D 213/84 (2006.01)**
[25] EN
[54] **CYCLOHEXYL PYRIDINE DERIVATIVE**
[54] **DERIVE DE CYCLOHEXYL-PYRIDINE**
[72] SHIMIZU, KAZUO, JP
[72] OHNO, KOHSUKE, JP
[72] MIYAGI, TAKASHI, JP
[72] UENO, YASUNORI, JP
[72] SUZUKI, HIKARU, JP
[71] KISSEI PHARMACEUTICAL CO., LTD., JP
[85] 2016-10-20
[86] 2015-05-07 (PCT/JP2015/063154)
[87] (WO2015/170693)
[30] JP (2014-095776) 2014-05-07

---

[21] **2,946,524**
[13] A1
[51] **Int.Cl. A63B 21/072 (2006.01) A63B 21/075 (2006.01) A63B 24/00 (2006.01) A63B 71/00 (2006.01) A63B 71/06 (2006.01)**
[25] EN
[54] **ADJUSTABLE DUMBBELL SYSTEM HAVING A WEIGHT SENSOR**
[54] **SYSTEME D'HALTERE REGLABLE POSSEDANT UN CAPTEUR DE POIDS**
[72] MORAN, THOMAS H., US
[72] PETERSEN, JASON PHARIS, US
[72] MARJAMA, MARCUS L., US
[72] ANDERSON, TODD D., US
[72] CRABB, PETER L., US
[72] WOOLDRIDGE, GLEN A., US
[72] BUSH, PJ M., US
[71] NAUTILUS, INC., US
[85] 2016-10-20
[86] 2014-10-03 (PCT/US2014/059189)
[87] (WO2015/195154)
[30] US (14/311,228) 2014-06-20

---

[21] **2,946,525**
[13] A1
[51] **Int.Cl. A61L 2/10 (2006.01) A61L 2/24 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS, AND DEVICES FOR HIGH-LEVEL DISINFECTION**
[54] **PROCEDES, SYSTEMES ET DISPOSITIFS PERMETTANT D'ATTEINDRE UN HAUT NIVEAU DE DESINFECTION**
[72] SMITH, ADRIAN, US
[72] DESHAYS, CLEMENT, FR
[72] CHESS, ROBERT BRUCE, US
[72] LEPINE, FREDERIC, FR
[71] GERMITEC SA, FR
[85] 2016-10-20
[86] 2014-05-16 (PCT/US2014/038450)
[87] (WO2014/186741)
[30] US (61/824,775) 2013-05-17

[21] **2,946,526**
[13] A1
[51] **Int.Cl. B81C 1/00 (2006.01) H01L 23/00 (2006.01) H01L 23/10 (2006.01)**
[25] EN
[54] **HERMETICALLY SEALED PACKAGE HAVING STRESS REDUCING LAYER**
[54] **BOITIER HERMETIQUEMENT CLOS A COUCHE DE REDUCTION DES CONTRAINTES**
[72] KENNEDY, ADAM M., US
[72] DIEP, BUU Q., US
[72] BLACK, STEPHEN H., US
[72] WONG, TSE E., US
[72] KOCIAN, THOMAS ALLAN, US
[72] TRACY, GREGORY D., US
[71] RAYTHEON COMPANY, US
[85] 2016-10-20
[86] 2014-08-11 (PCT/US2014/050589)
[87] (WO2016/024946)

---

[21] **2,946,527**
[13] A1
[51] **Int.Cl. B01D 71/68 (2006.01) A61M 1/18 (2006.01) B01D 63/02 (2006.01) B01D 65/02 (2006.01) B01D 69/02 (2006.01) B01D 69/08 (2006.01) B01D 71/38 (2006.01) B01D 71/40 (2006.01) B01D 71/44 (2006.01) B01D 71/52 (2006.01)**
[25] EN
[54] **HOLLOW FIBER MEMBRANE MODULE AND MANUFACTURING METHOD THEREOF**
[54] **MODULE DE MEMBRANE A FIBRES CREUSES ET SON PROCEDE DE FABRICATION**
[72] HAYASHI, AKIHIRO, JP
[72] UENO, YOSHIYUKI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2016-[illegible]
[86] 2015-05-07 (PCT/JP2015/063216)
[87] (WO2015/170708)
[30] JP (2014-096589) 2014-05-08
[30] JP (2014-172296) 2014-08-27

---

[21] **2,946,528**
[13] A1
[51] **Int.Cl. F16L 21/03 (2006.01) E04C 5/07 (2006.01) F16L 21/08 (2006.01)**
[25] EN
[54] **DUCT COUPLER FOR POST-TENSIONED CONCRETE MEMBER**
[54] **COUPLEUR DE CONDUIT POUR ELEMENT EN BETON POST-TENDU**
[72] SORKIN, FELIX, US
[71] SORKIN, FELIX, US
[85] 2016-10-20
[86] 2014-11-20 (PCT/US2014/066571)
[87] (WO2015/178957)
[30] US (62/000,373) 2014-05-19

---

[21] **2,946,531**
[13] A1
[51] **Int.Cl. E04C 5/08 (2006.01) E04C 5/12 (2006.01) E04C 5/16 (2006.01)**
[25] EN
[54] **MODIFIED PERMANENT CAP**
[54] **EMBOUT PERMANENT MODIFIE**
[72] SORKIN, FELIX, US
[71] SORKIN, FELIX, US
[85] 2016-10-20
[86] 2014-11-20 (PCT/US2014/066626)
[87] (WO2015/178959)
[30] US (62/000,396) 2014-05-19

---

[21] **2,946,534**
[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **NOVEL METHODS, BIOASSAYS, AND BIOMARKERS FOR HPV-RELATED CONDITIONS**
[54] **NOUVEAUX PROCEDES, TESTS BIOLOGIQUES, ET MARQUEURS BIOLOGIQUES POUR DES AFFECTIONS LIEES AU HPV**
[72] ANDERSON, KAREN, US
[72] POSNER, MARSHALL, US
[72] LABAER, JOSHUA, US
[72] STURGIS, ERICH, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY, US
[85] 2016-10-20
[86] 2015-03-16 (PCT/US2015/020705)
[87] (WO2015/167678)
[30] US (61/985,357) 2014-04-28

---

[21] **2,946,536**
[13] A1
[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **OPHTHALMIC SURGICAL SYSTEMS, METHODS, AND DEVICES**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS CHIRURGICAUX OPHTALMIQUES**
[72] BRENNAN, JEFFREY DAVID, US
[72] HUMAYUN, MARK, US
[71] ALCON PHARMACEUTICALS LTD., CH
[85] 2016-10-20
[86] 2015-01-29 (PCT/US2015/013567)
[87] (WO2015/171189)
[30] US (61/990,021) 2014-05-07
[30] US (14/554,865) 2014-11-26
[30] US (PCT/US2014/067717) 2014-11-26
[30] US (62/091,384) 2014-12-12

---

[21] **2,946,538**
[13] A1
[51] **Int.Cl. A61K 38/12 (2006.01)**
[25] EN
[54] **USE OF DIANHYDROGALACTITOL AND ANALOGS OR DERIVATIVES THEREOF TO TREAT NON-SMALL-CELL CARCINOMA OF THE LUNG AND OVARIAN CANCER**
[54] **UTILISATION DE DIANHYDROGALACTITOL ET DE LEURS ANALOGUES OU DERIVES DANS LE TRAITEMENT DU CARCINOME NON A PETITES CELLULES DES POUMONS ET DU CANCER DES OVAIRES**
[72] BACHA, JEFFREY A., CA
[72] BROWN, DENNIS M., US
[72] STEINO, ANNE, CA
[71] DEL MAR PHARMACEUTICALS, CA
[85] 2016-10-20
[86] 2015-04-06 (PCT/US2015/024462)
[87] (WO2015/154064)
[30] US (61/975,587) 2014-04-04
[30] US (62/062,246) 2014-10-10

[21] **2,946,541**
[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/00 (2006.01) C21D 9/04 (2006.01) C22C 38/54 (2006.01)**
[25] EN
[54] **RAIL AND PRODUCTION METHOD THEREFOR**
[54] **RAIL ET SON PROCEDE DE FABRICATION**
[72] UEDA, MASAHARU, JP
[72] MIYAZAKI, TERUHISA, JP
[72] TANAHASHI, TAKUYA, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-10-20
[86] 2015-05-29 (PCT/JP2015/065551)
[87] (WO2015/182743)
[30] JP (2014-111734) 2014-05-29

---

[21] **2,946,542**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS AND MATERIALS FOR IDENTIFYING AND TREATING MAMMALS HAVING HER2-POSITIVE BREAST CANCER**
[54] **MATERIELS ET METHODES POUR IDENTIFIER ET TRAITER DES MAMMIFERES AYANT UN CANCER DU SEIN HER2-POSITIF**
[72] PEREZ, EDITH A., US
[72] THOMPSON, E. AUBREY, US
[72] BALLMAN, KARLA V., US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[85] 2016-10-20
[86] 2015-04-20 (PCT/US2015/026620)
[87] (WO2015/164238)
[30] US (61/982,251) 2014-04-21

---

[21] **2,946,545**
[13] A1
[51] **Int.Cl. H04L 12/703 (2013.01) H04L 12/26 (2006.01) H04L 12/46 (2006.01)**
[25] EN
[54] **FINE-GRAINED NETWORK MONITORING**
[54] **SURVEILLANCE DE RESEAU DE FINE GRANULARITE**
[72] WU, HAITAO, US
[72] GUO, CHUANXIONG, US
[72] MALTZ, DAVID A., US
[72] YUAN, LIHUA, US
[72] ZHANG, YONGGUANG, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-10-20
[86] 2015-04-10 (PCT/US2015/025381)
[87] (WO2015/171260)
[30] US (14/272,728) 2014-05-08

---

[21] **2,946,548**
[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/00 (2006.01) C21D 9/04 (2006.01) C22C 38/54 (2006.01)**
[25] EN
[54] **RAIL AND PRODUCTION METHOD THEREFOR**
[54] **RAIL ET SON PROCEDE DE FABRICATION**
[72] UEDA, MASAHARU, JP
[72] MIYAZAKI, TERUHISA, JP
[72] TANAHASHI, TAKUYA, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-10-20
[86] 2015-05-29 (PCT/JP2015/065621)
[87] (WO2015/182759)
[30] JP (2014-111735) 2014-05-29

---

[21] **2,946,550**
[13] A1
[51] **Int.Cl. A23C 19/00 (2006.01) A23C 19/02 (2006.01) A23C 19/06 (2006.01)**
[25] EN
[54] **USE OF ELECTROMAGNETIC ENERGY FOR MAKING PASTA FILATA CHEESE**
[54] **UTILISATION DE L'ENERGIE ELECTROMAGNETIQUE POUR LA FABRICATION DE FROMAGE A PATE FILEE**
[72] NELLES, PETER F., US
[72] NESHEIM, GARY L., US
[72] NESHEIM, GRANT L., US
[71] JOHNSON INDUSTRIES INTERNATIONAL, INC., US
[85] 2016-10-20
[86] 2015-04-21 (PCT/US2015/026818)
[87] (WO2015/164337)
[30] US (61/982,013) 2014-04-21

---

[21] **2,946,552**
[13] A1
[51] **Int.Cl. A61K 35/17 (2015.01) C12N 5/0783 (2010.01) C12N 5/16 (2006.01)**
[25] EN
[54] **IMPROVED METHODS FOR MANUFACTURING ADOPTIVE CELL THERAPIES**
[54] **PROCEDES AMELIORES DE PRODUCTION DE THERAPIES REPOSANT SUR DES CELLULES ADOPTIVES**
[72] MORGAN, RICHARD, US
[72] FRIEDMAN, KEVIN, US
[72] MAIER, DAWN, US
[71] BLUEBIRD BIO, INC., US
[85] 2016-10-20
[86] 2015-04-24 (PCT/US2015/027518)
[87] (WO2015/164745)
[30] US (61/984,558) 2014-04-25

[21] **2,946,553**
[13] A1
[51] **Int.Cl. G07F 9/02 (2006.01) B67D 7/02 (2010.01) B67D 7/08 (2010.01) B67D 7/74 (2010.01)**
[25] EN
[54] **BEVERAGE COMMUNICATIONS SYSTEM USING A COMMUNICATION PROTOCOL**
[54] **SYSTEME DE COMMUNICATION DE DISTRIBUTION DE BOISSON UTILISANT UN PROTOCOLE DE COMMUNICATION**
[72] KNEPLER, JOHN T., US
[72] MAZZINI, SCOTT A., US
[72] YEAZEL, BRIAN, US
[72] HANDLEY, EDWARD, US
[71] BUNN-O-MATIC CORPORATION, US
[85] 2016-10-20
[86] 2015-04-21 (PCT/US2015/026862)
[87] (WO2015/164366)
[30] US (61/981,881) 2014-04-21
[30] US (61/986,980) 2014-05-01

---

[21] **2,946,555**
[13] A1
[51] **Int.Cl. D05B 19/08 (2006.01) D05B 19/10 (2006.01) D05B 19/12 (2006.01)**
[25] EN
[54] **STITCHING MODE REGULATOR**
[54] **REGULATEUR DE MODE DE PIQUAGE**
[72] ELLIOTT, DANIEL LEE, US
[72] BAUMAN, JOSEPH WESLEY, US
[72] BUSE, JOHN RAY, US
[72] LANGFORD, BETTILOU KENNEY, US
[71] GAMMILL, INC., US
[85] 2016-10-20
[86] 2015-04-20 (PCT/US2015/026640)
[87] (WO2015/164247)
[30] US (61/981,949) 2014-04-21

---

[21] **2,946,558**
[13] A1
[51] **Int.Cl. A61K 36/87 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **THERAPEUTIC USE OF GRAPE SEED PRODUCTS**
[54] **UTILISATION THERAPEUTIQUE DE PRODUITS A BASE DE PEPINS DE RAISIN**
[72] ARIVK, TOREY JAMES, US
[71] SONOMACEUTICALS, LLC, US
[85] 2016-10-20
[86] 2015-04-21 (PCT/US2015/026825)
[87] (WO2015/164341)
[30] US (61/982,133) 2014-04-21

---

[21] **2,946,564**
[13] A1
[51] **Int.Cl. A01J 25/00 (2006.01)**
[25] EN
[54] **CONTINUOUS COOKER STRETCHER AND METHODS OF USE THEREOF**
[54] **APPAREIL DE CUISSON-ETIRAGE EN CONTINU ET PROCEDES D'UTILISATION DE CELUI-CI**
[72] NELLES, PETER F., US
[72] NESHEIM, GARY L., US
[72] NESHEIM, GRANT L., US
[71] JOHNSON INDUSTRIES INTERNATIONAL, INC., US
[85] 2016-10-20
[86] 2015-04-21 (PCT/US2015/026902)
[87] (WO2015/164391)
[30] US (61/982,032) 2014-04-21

---

[21] **2,946,568**
[13] A1
[51] **Int.Cl. A61K 8/00 (2006.01)**
[25] EN
[54] **PEROXIDE FORMULATIONS AND METHODS AND APPLICATORS FOR USING THE SAME**
[54] **FORMULES DE PEROXYDE ET PROCEDES ET APPLICATEURS POUR LEUR UTILISATION**
[72] SHANLER, STUART D., US
[72] POWALA, CHRISTOPHER, US
[72] PHILLIPS, CHRISTOPHER, US
[72] BEGER, BRIAN, US
[72] GREENAWAY EVANS, CHARLES RODNEY, GB
[72] BOTTA, MICHAEL A., US
[72] NAGLER, THOMAS, US
[72] LIM, SIAN TIONG (DECEASED), GB
[72] BROWN, MARC BARRY, GB
[71] ACLARIS THERAPEUTICS, INC., US
[85] 2016-10-20
[86] 2015-04-21 (PCT/US2015/026948)
[87] (WO2015/164427)
[30] US (61/982,217) 2014-04-21
[30] US (62/085,466) 2014-11-28

---

[21] **2,946,571**
[13] A1
[51] **Int.Cl. F21S 8/00 (2006.01)**
[25] EN
[54] **MODULAR LIGHT FIXTURES**
[54] **LUMINAIRES MODULAIRES**
[72] DECARR, GRAIG, US
[72] ALDRICH, ALVAH, US
[72] SKELLHAM, JONATHAN JAY, US
[72] GANGOOR, NATESHA SANJEEVE GOWDA, IN
[72] VENUGOPAL, PRADEEP BANGALORE, IN
[72] SHET, VINOD MANOHAR, IN
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2016-10-20
[86] 2015-04-22 (PCT/US2015/027137)
[87] (WO2015/164525)
[30] US (61/982,803) 2014-04-22

[21] **2,946,573**
[13] A1
[51] **Int.Cl. C02F 1/46 (2006.01) C02F 1/28 (2006.01) C02F 1/42 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PARTIALLY DESALINATING PRODUCED WATER TO FORM EXTRACTION FLUID USED FOR FOSSIL FUEL EXTRACTION**
[54] **PROCEDE ET APPAREIL DE DESSALAGE PARTIEL D'EAU PRODUITE POUR FORMER UN FLUIDE D'EXTRACTION UTILISE POUR L'EXTRACTION DE COMBUSTIBLE FOSSILE**
[72] LIENHARD, JOHN H., US
[72] MCGOVERN, RONAN KILLIAN, US
[72] SUN, LIGE, DE
[72] WEINER, ADAM MICHAEL, US
[72] ZUBAIR, SYED M., SA
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS, SA
[85] 2016-10-20
[86] 2015-04-23 (PCT/US2015/027258)
[87] (WO2015/164583)
[30] US (61/982,973) 2014-04-23

---

[21] **2,946,574**
[13] A1
[51] **Int.Cl. E21B 10/02 (2006.01) E21B 49/02 (2006.01)**
[25] EN
[54] **CORE BARREL HEAD ASSEMBLY WITH AN INTEGRATED SAMPLE ORIENTATION TOOL AND SYSTEM FOR USING SAME**
[54] **ENSEMBLE TETE DE CAROTTIER AVEC OUTIL D'ORIENTATION D'ECHANTILLON INTEGRE ET SYSTEME D'UTILISATION ASSOCIE**
[72] DRENTH, CHRISTOPHER L., CA
[72] STEWART, GORDON, US
[72] HEJLEH, KHAIED, AU
[71] LONGYEAR TM, INC., US
[71] GLOBALTECH CORPORATION PTY LTD, AU
[85] 2016-10-20
[86] 2015-04-21 (PCT/US2015/026907)
[87] (WO2015/164394)
[30] US (61/982,052) 2014-04-21

---

[21] **2,946,575**
[13] A1
[51] **Int.Cl. C12H 1/04 (2006.01)**
[25] EN
[54] **METHODS OF MAKING MODIFIED ALCOHOL CONTAINING PRODUCTS**
[54] **PROCEDES DE FABRICATION DE PRODUITS CONTENANT DE L'ALCOOL MODIFIE**
[72] PETERSON, DEVIN GRANT, US
[72] KOKKINIDOU, SMARO, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2016-10-20
[86] 2015-04-21 (PCT/US2015/026929)
[87] (WO2015/164414)
[30] US (61/982,228) 2014-04-21

---

[21] **2,946,576**
[13] A1
[51] **Int.Cl. G06F 21/12 (2013.01) H04L 29/00 (2006.01)**
[25] EN
[54] **FIREWALL SECURITY FOR COMPUTERS WITH INTERNET ACCESS AND METHOD**
[54] **SECURITE A PARE-FEU POUR ORDINATEURS AVEC ACCES A INTERNET ET PROCEDE ASSOCIE**
[72] WOOD, MICHAEL C., US
[71] WOOD, MICHAEL C., US
[85] 2016-10-20
[86] 2015-05-07 (PCT/US2015/029715)
[87] (WO2015/175315)
[30] US (61/991,828) 2014-05-12

---

[21] **2,946,577**
[13] A1
[51] **Int.Cl. B01D 61/02 (2006.01) B01D 61/50 (2006.01) C02F 1/469 (2006.01)**
[25] EN
[54] **LIQUID PURIFICATION SYSTEM**
[54] **SYSTEME DE PURIFICATION DE LIQUIDE**
[72] LIENHARD, JOHN H., US
[72] MCGOVERN, RONAN KILLIAN, US
[72] ZUBAIR, SYED M., SA
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS, SA
[85] 2016-10-20
[86] 2015-04-23 (PCT/US2015/027310)
[87] (WO2015/164612)
[30] US (61/982,955) 2014-04-23

---

[21] **2,946,579**
[13] A1
[51] **Int.Cl. A47C 23/00 (2006.01) A47C 17/00 (2006.01)**
[25] EN
[54] **DROP IN SEAT DECK FOR FURNITURE ASSEMBLIES**
[54] **PLATEAU DE SIEGE RABATTABLE POUR ENSEMBLES MEUBLES**
[72] ROBINSON, NICHOLAS J., US
[72] BRANDTNER, TIMOTHY A., US
[71] ASHLEY FURNITURE INDUSTRIES, INC., US
[85] 2016-10-20
[86] 2015-04-24 (PCT/US2015/027550)
[87] (WO2015/164767)
[30] US (61/983,771) 2014-04-24

---

[21] **2,946,580**
[13] A1
[51] **Int.Cl. E21B 43/267 (2006.01)**
[25] EN
[54] **PROPPANT MIXTURES**
[54] **MELANGES D'AGENT DE SOUTENEMENT**
[72] MCDANIEL, ROBERT RAY, US
[71] PREFERRED TECHNOLOGY, LLC, US
[85] 2016-10-20
[86] 2015-04-29 (PCT/US2015/028212)
[87] (WO2015/168239)
[30] US (14/266,179) 2014-04-30

---

[21] **2,946,583**
[13] A1
[51] **Int.Cl. E04C 5/08 (2006.01) B28B 7/28 (2006.01) E04C 5/12 (2006.01) E04G 21/12 (2006.01)**
[25] EN
[54] **MODIFIED POCKET FORMER**
[54] **DISPOSITIF MODIFIE DE FORMATION DE POCHE**
[72] SORKIN, FELIX, US
[71] SORKIN, FELIX, US
[85] 2016-10-20
[86] 2014-11-20 (PCT/US2014/066592)
[87] (WO2015/178958)
[30] US (62/000,382) 2014-05-19

[21] **2,946,585**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) C12N 5/071 (2010.01) C07K 16/30 (2006.01) C12N 5/00 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **MND PROMOTER CHIMERIC ANTIGEN RECEPTORS**
[54] **RECEPTEURS D'ANTIGENES CHIMERIQUES DE PROMOTEUR MND**
[72] MORGAN, RICHARD, US
[72] FRIEDMAN, KEVIN, US
[72] RYU, BYOUNG, US
[71] BLUEBIRD BIO, INC., US
[85] 2016-10-20
[86] 2015-04-24 (PCT/US2015/027539)
[87] (WO2015/164759)
[30] US (61/984,561) 2014-04-25

---

[21] **2,946,586**
[13] A1
[51] **Int.Cl. C09K 3/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR USE IN CORROSION PROTECTION**
[54] **COMPOSITIONS SERVANT A LA PROTECTION CONTRE LA CORROSION**
[72] KRASNOW, NICHOLAS, US
[72] AGRAWAL, ANOOP, US
[72] UHLMANN, DONALD R., US
[71] AGIENIC, INC., US
[85] 2016-10-20
[86] 2015-04-30 (PCT/US2015/028556)
[87] (WO2015/168430)
[30] US (61/987,477) 2014-05-01
[30] US (62/035,388) 2014-08-09

---

[21] **2,946,588**
[13] A1
[51] **Int.Cl. A61L 2/00 (2006.01) A61L 2/07 (2006.01) A61L 2/24 (2006.01)**
[25] EN
[54] **STERILIZER**
[54] **STERILISATEUR**
[72] AMOR, WILLIAM, US
[72] BACIK, MICHAEL A., US
[72] BUTLER, MICHAEL W., US
[72] CUNNINGHAM, J.D., US
[72] KESSICK, EVAN, US
[71] AMERICAN STERILIZER COMPANY, US
[85] 2016-10-20
[86] 2015-05-05 (PCT/US2015/029207)
[87] (WO2015/171590)
[30] US (61/989,187) 2014-05-06
[30] US (14/704,056) 2015-05-05

---

[21] **2,946,593**
[13] A1
[51] **Int.Cl. C07K 14/71 (2006.01) A61K 48/00 (2006.01) C07K 14/015 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **AAV VECTORS FOR RETINAL AND CNS GENE THERAPY**
[54] **VECTEURS AAV POUR THERAPIE GENIQUE DE LA RETINE ET DU SNC**
[72] SCARIA, ABRAHAM, US
[72] SULLIVAN, JENNIFER, US
[72] STANEK, LISA M., US
[71] GENZYME CORPORATION, US
[85] 2016-10-20
[86] 2015-05-02 (PCT/US2015/028966)
[87] (WO2015/168666)
[30] US (61/988,131) 2014-05-02
[30] US (62/114,575) 2015-02-10

---

[21] **2,946,594**
[13] A1
[51] **Int.Cl. A61K 31/095 (2006.01) A61K 31/085 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **METHOD OF TREATING IDIOPATHIC PULMONARY FIBROSIS**
[54] **PROCEDE DE TRAITEMENT D'UNE FIBROSE PULMONAIRE IDIOPATHIQUE**
[72] MATSUDA, KAZUKO, US
[72] IWAKI, YUICHI, US
[71] MEDICINOVA, INC., US
[85] 2016-10-20
[86] 2015-05-06 (PCT/US2015/029449)
[87] (WO2015/171749)
[30] US (61/990,603) 2014-05-08
[30] US (62/006,692) 2014-06-02
[30] US (14/490,623) 2014-09-18

---

[21] **2,946,595**
[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) G02B 27/01 (2006.01)**
[25] EN
[54] **VIRTUAL REALITY SURGICAL DEVICE**
[54] **DISPOSITIF CHIRURGICAL DE REALITE VIRTUELLE**
[72] SACHS, ADAM, US
[72] KHALIFA, SAMMY, US
[71] VICARIOUS SURGICAL INC., US
[85] 2016-10-20
[86] 2015-05-05 (PCT/US2015/029247)
[87] (WO2015/171614)
[30] US (61/988,498) 2014-05-05
[30] US (62/136,883) 2015-03-23

---

[21] **2,946,597**
[13] A1
[51] **Int.Cl. A61K 31/095 (2006.01) A61K 31/075 (2006.01) A61K 31/085 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **METHOD OF TREATING ADVANCED NON-ALCOHOLIC STEATOHEPATITIS**
[54] **PROCEDE DE TRAITEMENT D'UNE STEATOHEPATITE NON ALCOOLIQUE AVANCEE**
[72] MATSUDA, KAZUKO, US
[72] IWAKI, YUICHI, US
[71] MEDICINOVA, INC., US
[85] 2016-10-20
[86] 2015-05-06 (PCT/US2015/029457)
[87] (WO2015/171755)
[30] US (61/990,606) 2014-05-08
[30] US (62/042,072) 2014-08-26
[30] US (14/490,618) 2014-09-18

---

[21] **2,946,599**
[13] A1
[51] **Int.Cl. C07C 27/00 (2006.01)**
[25] EN
[54] **FISCHER-TROPSCH BASED GAS TO LIQUIDS SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE CONVERSION GAZ-LIQUIDES BASES SUR LE PRINCIPE FISCHER-TROPSCH**
[72] IYER, RAHUL, US
[72] PATEL, BIPINKUMAR, US
[72] SCHER, ERIK, US
[71] SILURIA TECHNOLOGIES, INC., US
[85] 2016-10-20
[86] 2015-05-08 (PCT/US2015/030024)
[87] (WO2015/172105)
[30] US (61/991,361) 2014-05-09

---

[21] **2,946,601**
[13] A1
[51] **Int.Cl. E21B 10/42 (2006.01) E21B 10/43 (2006.01) E21B 10/60 (2006.01)**
[25] EN
[54] **DRILL BITS HAVING FLUSHING**
[54] **TREPANS AVEC RINCAGE**
[72] PEARCE, CODY A., US
[72] RUPP, MICHAEL D., US
[72] LAMBERT, CHRISTIAN M., US
[71] LONGYEAR TM, INC., US
[85] 2016-10-21
[86] 2016-03-03 (PCT/US2016/020680)
[87] (WO2016/141181)
[30] US (62/128,853) 2015-03-05

[21] **2,946,602**
[13] A1
[51] **Int.Cl. A61B 6/03 (2006.01) A61B 6/00 (2006.01)**
[25] EN
[54] **TRACHEA MARKING**
[54] **MARQUAGE DE LA TRACHEE**
[72] LACHMANOVICH, ELAD D., IL
[72] KOPEL, EVGENI, IL
[72] KLEIN, EYAL, IL
[71] COVIDIEN LP, US
[85] 2016-10-21
[86] 2015-06-30 (PCT/US2015/038533)
[87] (WO2016/004025)
[30] US (62/020,253) 2014-07-02

---

[21] **2,946,604**
[13] A1
[51] **Int.Cl. G06N 3/02 (2006.01) A61B 5/04 (2006.01)**
[25] EN
[54] **BRAIN-COMPUTER INTERFACE FOR FACILITATING DIRECT SELECTION OF MULTIPLE-CHOICE ANSWERS AND THE IDENTIFICATION OF STATE CHANGES**
[54] **INTERFACE CERVEAU-ORDINATEUR POUR FACILITER LA SELECTION DIRECTE DE REPONSES A CHOIX MULTIPLES ET L'IDENTIFICATION DE CHANGEMENTS D'ETAT**
[72] HUGGINS, JANE E., US
[72] WARSCHAUSKY, SETH, US
[72] ALCAIDE, RAMSES EDUARDO, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2016-10-20
[86] 2015-05-22 (PCT/US2015/032192)
[87] (WO2015/183737)
[30] US (62/005,243) 2014-05-30

---

[21] **2,946,605**
[13] A1
[51] **Int.Cl. E04C 5/12 (2006.01)**
[25] EN
[54] **CAP FOR ANCHOR OF POST-TENSION ANCHORAGE SYSTEM**
[54] **COIFFE POUR ANCRE DE SYSTEME D'ANCRAGE PAR POST-TENSION**
[72] SORKIN, FELIX, US
[71] SORKIN, FELIX, US
[85] 2016-10-20
[86] 2015-05-19 (PCT/US2015/031504)
[87] (WO2015/179354)
[30] US (62/000,419) 2014-05-19

---

[21] **2,946,609**
[13] A1
[51] **Int.Cl. C07C 50/10 (2006.01) C07C 50/12 (2006.01)**
[25] EN
[54] **NAPHTHAQUINONE METHYLTRANSFERASE INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS DE NAPHTAQUINONE METHYLTRANSFERASE ET LEURS UTILISATIONS**
[72] LUO, MINKUI, US
[72] SANCHEZ, GLORYMAR IBANEZ, US
[72] BLUM, GIL JOSEPH, US
[72] YANG, LI, US
[72] PITTELLA SILVA, FABIO, US
[71] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US
[85] 2016-10-20
[86] 2015-05-08 (PCT/US2015/029977)
[87] (WO2015/172076)
[30] US (61/990,905) 2014-05-09
[30] US (62/033,938) 2014-08-06

---

[21] **2,946,610**
[13] A1
[51] **Int.Cl. C09K 9/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR APPLICATION OF CHROMIC COMPOSITIONS**
[54] **SYSTEME ET PROCEDE PERMETTANT L'APPLICATION DE COMPOSITIONS PHOTOCHROMIQUES**
[72] CHIN, GUEY N. (RAY), US
[72] TARRELL, EV, US
[71] CABELA'S INCORPORATED, US
[85] 2016-10-20
[86] 2015-05-28 (PCT/US2015/033035)
[87] (WO2015/184172)
[30] US (62/005,269) 2014-05-30

---

[21] **2,946,612**
[13] A1
[51] **Int.Cl. A23L 2/04 (2006.01) A23L 2/39 (2006.01)**
[25] EN
[54] **CHARDONNAY GRAPE SEED EXTRACT**
[54] **EXTRAIT DE PEPINS DE RAISIN CHARDONNAY**
[72] IANIRO, TEODORO T., US
[72] FISHER, LAUREL A., US
[71] SHAKLEE CORPORATION, US
[85] 2016-10-20
[86] 2015-05-29 (PCT/US2015/033234)
[87] (WO2015/184291)
[30] US (62/005,708) 2014-05-30

---

[21] **2,946,613**
[13] A1
[51] **Int.Cl. E04B 9/18 (2006.01) E04B 9/06 (2006.01)**
[25] EN
[54] **A SUSPENDED CEILING CLIP**
[54] **PINCE DE PLAFOND SUSPENDU**
[72] GLOFTIS, JASON MICHAEL, AU
[72] O'BRIEN, GRANT PETER, AU
[71] LOCKING KEY PTY LTD AS TRUSTEE FOR LOCKING KEY UNIT TRUST, AU
[85] 2016-10-21
[86] 2015-04-20 (PCT/AU2015/050185)
[87] (WO2015/161342)
[30] AU (2014901466) 2014-04-23

---

[21] **2,946,615**
[13] A1
[51] **Int.Cl. A61B 6/03 (2006.01) A61B 1/00 (2006.01) A61B 1/267 (2006.01) A61B 5/055 (2006.01) A61B 8/13 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING TRACHEA**
[54] **SYSTEME ET PROCEDE DE DETECTION DE TRACHEE**
[72] MARKOV, IGOR A., IL
[72] KREININ, YURI, CA
[71] COVIDIEN LP, US
[85] 2016-10-20
[86] 2015-06-30 (PCT/US2015/038522)
[87] (WO2016/004020)
[30] US (62/020,257) 2014-07-02

[21] **2,946,618**
[13] A1
[51] **Int.Cl. C07D 491/048 (2006.01) A61K 31/407 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **3-OXO-TETRAHYDRO-FURO[3,2-B]PYRROL-4(5H)-YL) DERIVATIVES II**
[54] **DERIVES II DU 3-OXO-TETRAHYDRO-FURO[3,2-B]PYRROL-4(5H)-YLE**
[72] NARDI, ANTONIO, DE
[72] RATCLIFFE, PAUL, DE
[72] CRAAN, TOBIAS, DE
[72] HERTRAMPF, THORSTEN, DE
[72] LESCH, BERNHARD, DE
[72] STEINHAGEN, HENNING, DE
[71] GRUNENTHAL GMBH, DE
[85] 2016-10-21
[86] 2015-04-23 (PCT/EP2015/000839)
[87] (WO2015/161924)
[30] EP (14001458.0) 2014-04-23

---

[21] **2,946,619**
[13] A1
[51] **Int.Cl. A61B 5/055 (2006.01) A61B 5/00 (2006.01) A61B 5/026 (2006.01)**
[25] EN
[54] **IMAGING ABNORMALITIES IN VASCULAR RESPONSE**
[54] **ANOMALIES D'IMAGERIE DANS UNE REPONSE VASCULAIRE**
[72] FISHER, JOSEPH, CA
[72] SOBCZYK, OLIVIA, CA
[72] CRAWLEY, ADRIAN P., CA
[72] POUBLANC, JULIAN, CA
[72] SAM, KEVIN, CA
[72] MANDELL, DANIEL M., CA
[72] MIKULIS, DAVID, CA
[72] DUFFIN, JAMES, CA
[71] FISHER, JOSEPH, CA
[71] SOBCZYK, OLIVIA, CA
[71] CRAWLEY, ADRIAN P., CA
[71] POUBLANC, JULIAN, CA
[71] SAM, KEVIN, CA
[71] MANDELL, DANIEL M., CA
[71] MIKULIS, DAVID, CA
[71] DUFFIN, JAMES, CA
[85] 2016-10-21
[86] 2015-04-27 (PCT/CA2015/000274)
[87] (WO2015/161363)
[30] US (61/984,617) 2014-04-25

---

[21] **2,946,620**
[13] A1
[51] **Int.Cl. C07D 491/048 (2006.01) A61K 31/407 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **3-OXO-TETRAHYDRO-FURO[3,2-B]PYRROL-4(5H)-YL) DERIVATIVES I**
[54] **DERIVES 3-OXO-TETRAHYDRO-FURO [3,2-B] PYRROL -4 (5H)-YL)**
[72] NARDI, ANTONIO, DE
[72] RATCLIFFE, PAUL, DE
[72] CRAAN, TOBIAS, DE
[72] HERTRAMPF, THORSTEN, DE
[72] LESCH, BERNHARD, DE
[72] KIME, ROBERT, DE
[72] STEINHAGEN, HENNING, DE
[71] GRUNENTHAL GMBH, DE
[85] 2016-10-21
[86] 2015-04-23 (PCT/EP2015/000852)
[87] (WO2015/161928)
[30] EP (14001459.8) 2014-04-23

---

[21] **2,946,621**
[13] A1
[51] **Int.Cl. H04L 1/00 (2006.01) E21B 47/16 (2006.01) H04B 3/46 (2015.01) H04L 25/14 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR FORWARD ERROR CORRECTION FOR MEASUREMENT WHILE DRILLING (MWD) COMMUNICATION SYSTEMS**
[54] **PROCEDES ET SYSTEMES DE CORRECTION D'ERREUR DIRECTE POUR DES SYSTEMES DE COMMUNICATION DE MESURES EN COURS DE FORAGE (MWD)**
[72] SAED, ARYAN, CA
[72] WARNER, WILLIAM DEAN, CA
[71] COLD BORE TECHNOLOGY INC., CA
[85] 2016-10-21
[86] 2015-04-21 (PCT/CA2015/050328)
[87] (WO2015/161371)
[30] US (61/982,851) 2014-04-22

---

[21] **2,946,622**
[13] A1
[51] **Int.Cl. H04L 25/14 (2006.01) E21B 47/16 (2006.01) H04B 3/46 (2015.01) H04J 11/00 (2006.01) H04L 1/00 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR TELEMETRY OVER A DRILL STRING USING CONCURRENT ACOUSTIC SUB-BANDS**
[54] **PROCEDES ET SYSTEMES DE TELEMETRIE SUR UN TRAIN DE TIGES DE FORAGE AU MOYEN DE SOUS-BANDES ACOUSTIQUES CONCOMITANTES**
[72] SAED, ARYAN, CA
[71] COLD BORE TECHNOLOGY INC., CA
[85] 2016-10-21
[86] 2015-04-21 (PCT/CA2015/050329)
[87] (WO2015/161372)
[30] US (61/982,849) 2014-04-22

---

[21] **2,946,623**
[13] A1
[51] **Int.Cl. H01H 1/00 (2006.01) H01H 1/02 (2006.01) H01H 1/50 (2006.01) H01H 19/02 (2006.01)**
[25] EN
[54] **ROTARY CONTACT SYSTEM INTENDED TO BE INCORPORATED INTO THE TUBULAR CONDUCTORS OF A HIGH-VOLTAGE SWITCH**
[54] **SYSTEME DE ROTACTEUR PREVU POUR UNE INCORPORATION DANS LES CONDUCTEURS TUBULAIRES D'UN COMMUTATEUR HAUTE TENSION**
[72] SOTNIKOV, MIKHAIL, CA
[71] SOTNIKOV, MIKHAIL, CA
[85] 2016-10-21
[86] 2015-04-22 (PCT/CA2015/050338)
[87] (WO2015/161381)
[30] MX (MX/A/2014/004937) 2014-04-24

[21] **2,946,627**
[13] A1
[51] **Int.Cl. H04B 17/29 (2015.01) E21B 47/13 (2012.01) G08C 17/02 (2006.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR EVALUATING SYSTEMS USED IN ELECTROMAGNETIC TELEMETRY TRANSMISSIONS**
[54] **APPAREILS ET PROCEDES POUR EVALUER DES SYSTEMES UTILISES DANS DES TRANSMISSIONS ELECTROMAGNETIQUES DE TELEMETRIE**
[72] LIU, JILI, CA
[72] ZHAO, MING, CA
[71] EVOLUTION ENGINEERING INC., CA
[85] 2016-10-21
[86] 2015-05-14 (PCT/CA2015/050441)
[87] (WO2015/172251)
[30] US (61/993,012) 2014-05-14

---

[21] **2,946,630**
[13] A1
[51] **Int.Cl. H04W 76/02 (2009.01)**
[25] EN
[54] **D2D COMMUNICATION DISCOVERY METHOD, APPARATUS, AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE DETECTION DE COMMUNICATION DE DISPOSITIF A DISPOSITIF (D2D)**
[72] LIAO, DEFU, CN
[72] LIN, MEIXIN, CN
[72] ZENG, GUANGZHU, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-10-21
[86] 2014-04-22 (PCT/CN2014/075938)
[87] (WO2015/161442)

---

[21] **2,946,636**
[13] A1
[51] **Int.Cl. H04L 1/08 (2006.01) H04W 72/04 (2009.01) H04W 74/08 (2009.01)**
[25] EN
[54] **DATA TRANSMISSION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE DONNEES**
[72] WU, HUIFANG, CN
[72] WANG, ZONGJIE, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-10-21
[86] 2014-04-23 (PCT/CN2014/076028)
[87] (WO2015/161463)

---

[21] **2,946,638**
[13] A1
[51] **Int.Cl. B01J 23/75 (2006.01) B01J 35/10 (2006.01) C10G 2/00 (2006.01)**
[25] EN
[54] **COBALT-BASED FISCHER-TROPSCH SYNTHESIS CATALYST COATED WITH MESOPOROUS MATERIALS AND PREPARATION METHOD THEREFOR**
[54] **CATALYSEUR DE SYNTHESE DE FISCHER-TROPSCH A BASE DE COBALT REVETU DE SUBSTANCES MESOPOREUSES ET SON PROCEDE DE PREPARATION**
[72] RAO, SHASHA, CN
[72] SONG, DECHEN, CN
[72] LIU, QIANQIAN, CN
[72] ZHENG, SHENKE, CN
[71] WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD., CN
[85] 2016-10-21
[86] 2015-02-06 (PCT/CN2015/072402)
[87] (WO2015/161701)
[30] CN (201410162615.4) 2014-04-22

---

[21] **2,946,647**
[13] A1
[51] **Int.Cl. A61K 31/56 (2006.01) A61K 31/565 (2006.01) A61K 31/575 (2006.01) A61P 7/10 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **NEURO-PROTECTIVE AGENTS AND USES THEREOF**
[54] **NEUROPROTECTEUR ET INDICATION CORRESPONDANTE**
[72] YIN, WEI, CN
[72] CHEN, JIESI, CN
[72] YAN, GUANGMEI, CN
[72] LU, BINGZHENG, CN
[72] ZHU, WENBO, CN
[72] HU, HAIYAN, CN
[72] QIU, PENGXIN, CN
[72] HUANG, YIJUN, CN
[72] ZHANG, JINGXIA, CN
[71] GUANGZHOU CELPROTEK PHARMACEUTICAL CO., LTD., CN
[85] 2016-10-21
[86] 2015-04-14 (PCT/CN2015/076528)
[87] (WO2015/161747)
[30] CN (201410170263.7) 2014-04-25

---

[21] **2,946,648**
[13] A1
[51] **Int.Cl. G08G 1/01 (2006.01) G08G 1/123 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING SUPPLY OF SERVICE**
[54] **SYSTEME ET PROCEDE PERMETTANT LA GESTION DE PRESTATION DE SERVICE**
[72] ZHANG, LINGYU, CN
[72] ZHANG, BO, CN
[72] FENG, PENGCHENG, CN
[72] SUN, MINGCONG, CN
[71] BEIJING DIDI INFINITY SCIENCE AND TECHNOLOGY LIMITED, CN
[85] 2016-10-21
[86] 2015-04-24 (PCT/CN2015/077389)
[87] (WO2015/161828)
[30] CN (201410168588.1) 2014-04-24
[30] CN (201410366721.4) 2014-07-29
[30] CN (201510037388.7) 2015-01-23

[21] **2,946,652**
[13] A1
[51] **Int.Cl. E04F 15/18 (2006.01) E02D 31/02 (2006.01) E04D 13/04 (2006.01)**
[25] EN
[54] **DECOUPLING MAT FOR A SURFACE COVERING STRUCTURE THAT CAN BE COVERED BY COVERING ELEMENTS**
[54] **TAPIS DE DECOUPLAGE POUR UNE STRUCTURE DE REVETEMENT SURFACIQUE RECOUVRABLE D'ELEMENTS DE REVETEMENT**
[72] GUTJAHR, WALTER, DE
[71] ARDEX ANLAGEN GMBH, DE
[85] 2016-10-21
[86] 2014-04-24 (PCT/EP2014/058407)
[87] (WO2015/161888)

---

[21] **2,946,659**
[13] A1
[51] **Int.Cl. G01N 21/75 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **COMPETITION ASSAY**
[54] **DOSAGE CONCURRENTIEL**
[72] LAAN, WILHELMUS JACOBUS, BE
[72] VAN DE BROEK, BIEKE, BE
[72] BONNARD, VANESSA ADRIENNE THERESE, BE
[71] PHARMADIAGNOSTICS NV, BE
[85] 2016-10-21
[86] 2015-04-24 (PCT/EP2015/058871)
[87] (WO2015/162234)
[30] GB (1407303.5) 2014-04-25

---

[21] **2,946,667**
[13] A1
[51] **Int.Cl. G01S 5/02 (2010.01)**
[25] EN
[54] **ADAPTIVE POSITION DETERMINATION**
[54] **DETERMINATION DE POSITION ADAPTATIVE**
[72] LIN, JYH-HAN, US
[72] WANG, CHIH-WEI, US
[72] DIACETIS, STEPHEN P., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-10-21
[86] 2015-05-11 (PCT/US2015/030167)
[87] (WO2015/175414)
[30] US (14/275,467) 2014-05-12

---

[21] **2,946,669**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ION CHANNEL MODULATORS & USES THEREOF**
[54] **MODULATEURS DE CANAL IONIQUE & LEUR UTILISATION**
[72] WILLIAMS, WENDY A., GB
[72] JONES, CLARE, GB
[72] BUTTON, JAMES, GB
[72] LINLEY, JOHN, GB
[72] HUANG, LING, GB
[72] SNIJDER, HARM JAN, SE
[72] SHIBATA, YOKO, GB
[72] SRIDHARAN, SUDHARSAN, GB
[72] GROVES, MARIA, GB
[72] DOBSON, CLAIRE, GB
[71] MEDIMMUNE LIMITED, GB
[85] 2016-10-21
[86] 2015-05-02 (PCT/EP2015/059633)
[87] (WO2015/166105)
[30] US (61/987,929) 2014-05-02

---

[21] **2,946,671**
[13] A1
[51] **Int.Cl. A47B 55/06 (2006.01) A47B 47/06 (2006.01) A47F 5/11 (2006.01)**
[25] EN
[54] **MODULAR STRUCTURE FOR CARDBOARD TOWER-LIKE DISPLAYS**
[54] **STRUCTURE MODULAIRE POUR PRESENTOIR EN CARTON DE TYPE TOUR**
[72] MIARNAU FERNANDEZ, JULIO, ES
[71] MIARNAU FERNANDEZ, JULIO, ES
[85] 2016-10-21
[86] 2014-04-29 (PCT/ES2014/070376)
[87] (WO2015/166114)

---

[21] **2,946,672**
[13] A1
[51] **Int.Cl. H01R 12/77 (2011.01) A41D 13/01 (2006.01) F21V 23/02 (2006.01) H05B 33/14 (2006.01)**
[25] EN
[54] **LIGHT-EMITTING TEXTILE ELEMENT WITH A FREE CONNECTION SYSTEM**
[54] **ELEMENT TEXTILE EMETTEUR DE LUMIERE A SYSTEME DE CONNEXION LIBRE**
[72] KULL, MARTEN, ES
[72] BACKSIN, VICTORIA, ES
[72] CASELLAS COLL, CRISTINA, ES
[72] PEREZ DE LA HOZ, SANTIAGO, ES
[71] LIGHT FLEX TECHNOLOGY, S.L., ES
[85] 2016-10-21
[86] 2014-04-23 (PCT/ES2014/070349)
[87] (WO2015/162308)

---

[21] **2,946,679**
[13] A1
[51] **Int.Cl. C08B 37/00 (2006.01) C07H 3/06 (2006.01)**
[25] EN
[54] **IMMUNOMODULATING .BETA.-1,6-D-GLUCANS**
[54] **?-1,6-D-GLUCANES IMMUNOMODULATEURS**
[72] SIEDLECKI, JAMES MICHAEL, US
[72] REZNIK, GABRIEL OSCAR, US
[72] KANE, JOHN JAMES, US
[72] MIAO, HUA, US
[72] KLUGE, ARTHUR F., US
[72] RUBIN-BEJERANO, IFAT, US
[71] IMMUNEXCITE, INC., US
[85] 2016-10-21
[86] 2015-05-08 (PCT/US2015/029916)
[87] (WO2015/172040)
[30] US (61/990,337) 2014-05-08

[21] **2,946,683**
[13] A1
[51] **Int.Cl. A61M 5/24 (2006.01) A61M 5/20 (2006.01)**
[25] EN
[54] **INDICATOR**
[54] **INDICATEUR**
[72] DUNNE, STEPHEN, GB
[72] OAKLEY, TOM, GB
[72] EMMOTT, DOUGLAS ARTHUR, GB
[71] NEW INJECTION SYSTEMS LTD., GB
[85] 2016-10-21
[86] 2015-05-01 (PCT/GB2015/051304)
[87] (WO2015/166286)
[30] GB (1407680.6) 2014-05-01
[30] GB (PCT/GB2015/050393) 2015-02-12

---

[21] **2,946,685**
[13] A1
[51] **Int.Cl. B63C 11/16 (2006.01)**
[25] EN
[54] **DIVING MASK HAVING A BUILT-IN SNORKEL**
[54] **MASQUE DE PLONGEE MUNI D'UN TUBA INTEGRE**
[72] CAPRICE, CEDRIC, FR
[72] GIRAULT, RAPHAEL, FR
[72] CUCCHIA, GABRIELE, IT
[71] DECATHLON, FR
[85] 2016-10-21
[86] 2014-05-05 (PCT/FR2014/051056)
[87] (WO2015/170013)

---

[21] **2,946,686**
[13] A1
[51] **Int.Cl. G01B 21/00 (2006.01) G01S 5/02 (2010.01)**
[25] EN
[54] **LOCATION ERROR RADIUS DETERMINATION**
[54] **DETERMINATION DE RAYON D'ERREUR DE LOCALISATION**
[72] LIN, JYH-HAN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-10-21
[86] 2015-05-06 (PCT/US2015/029335)
[87] (WO2015/171672)
[30] US (14/274,226) 2014-05-09

---

[21] **2,946,687**
[13] A1
[51] **Int.Cl. A62B 7/14 (2006.01) A62B 18/08 (2006.01) A62B 25/00 (2006.01)**
[25] EN
[54] **BREATHING SYSTEM AND SEAT FOR AIRCRAFT CREW MEMBER OR PASSENGER**
[54] **SYSTEME DE RESPIRATION ET SIEGE POUR MEMBRE D'EQUIPAGE OU PASSAGER D'AERONEF**
[72] JACOTEY, JEREMY, FR
[72] LEMASSON, DOMINIQUE, FR
[71] ZODIAC AEROTECHNICS, FR
[85] 2016-10-21
[86] 2014-05-20 (PCT/IB2014/001214)
[87] (WO2015/177584)

---

[21] **2,946,688**
[13] A1
[51] **Int.Cl. G01V 3/12 (2006.01) G01V 3/17 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MULTIPLE BANDWIDTH ELECTROMAGNETIC GEOPHYSICAL EXPLORATION**
[54] **SYSTEMES ET PROCEDES D'EXPLORATION GEOPHYSIQUE ELECTROMAGNETIQUE A PLUSIEURS LARGEURS DE BANDE**
[72] SMIAROWSKI, ADAM, FR
[72] BERRINGER, JASON, FR
[72] MILES, PHILIP, FR
[71] CGG SERVICES SA, FR
[85] 2016-10-21
[86] 2015-04-21 (PCT/IB2015/000797)
[87] (WO2015/162493)
[30] US (61/983,299) 2014-04-23

---

[21] **2,946,691**
[13] A1
[51] **Int.Cl. A61B 8/13 (2006.01) A61B 8/14 (2006.01) G06T 5/00 (2006.01)**
[25] EN
[54] **MEDICAL IMAGE PROCESSING SYSTEMS AND METHODS THEREOF**
[54] **SYSTEMES DE TRAITEMENT D'IMAGE MEDICALE, ET LEURS PROCEDES**
[72] WODLINGER, BRIAN C., CA
[71] EXACT IMAGING INC., CA
[85] 2016-10-21
[86] 2015-04-20 (PCT/IB2015/052882)
[87] (WO2015/162543)
[30] US (61/983,033) 2014-04-23

---

[21] **2,946,693**
[13] A1
[51] **Int.Cl. G02C 7/02 (2006.01) G02C 7/12 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR HUMAN VISION CORRECTION USING DIFFRACTIVE WAVEPLATE LENSES**
[54] **PROCEDES ET APPAREIL POUR CORRECTION DE LA VISION HUMAINE UTILISANT DES LENTILLES A LAME-ONDE DIFFRACTANTES**
[72] ROBERTS, DAVID E., US
[72] TABIRIAN, NELSON V., US
[72] TABIRIAN, ANNA, US
[71] ROBERTS, DAVID E., US
[71] BEAM ENGINEERING FOR ADVANCED MEASUREMENTS CO., US
[71] TABIRIAN, NELSON V., US
[71] TABIRIAN, ANNA, US
[85] 2016-10-14
[86] 2015-04-16 (PCT/US2015/026186)
[87] (WO2015/161084)
[30] US (61/980,062) 2014-04-16
[30] US (14/688,540) 2015-04-16

---

[21] **2,946,694**
[13] A1
[51] **Int.Cl. A61F 5/453 (2006.01) A61F 5/443 (2006.01) A61F 5/455 (2006.01)**
[25] EN
[54] **A HUMAN EXTERNAL URINARY INCONTINENCE TREATMENT METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'INCONTINENCE URINAIRE EXTERNE HUMAINE**
[72] LANIADO, AMIR, IL
[71] GR DOME MEDICAL LTD., IL
[85] 2016-10-21
[86] 2014-08-14 (PCT/IL2014/000039)
[87] (WO2015/170307)
[30] US (61/988,219) 2014-05-04

[21] **2,946,695**
[13] A1
[51] **Int.Cl. G06F 21/56 (2013.01) G06F 21/14 (2013.01) G06F 21/54 (2013.01)**
[25] EN
[54] **FRAUD DETECTION NETWORK SYSTEM AND FRAUD DETECTION METHOD**
[54] **SYSTEME DE RESEAU DE DETECTION D'ACTIVITE ILLICITE ET PROCEDE DE DETECTION D'ACTIVITE ILLICITE**
[72] YAMAMURA, MOTOAKI, JP
[72] NISHIDA, MASATA, JP
[72] KAWAMORITA, KAZUO, JP
[71] SECUREBRAIN CORPORATION, JP
[71] HITACHI SYSTEMS, LTD., JP
[85] 2016-10-21
[86] 2015-02-20 (PCT/JP2015/054707)
[87] (WO2015/162985)
[30] JP (2014-090901) 2014-04-25

[21] **2,946,696**
[13] A1
[51] **Int.Cl. G01N 21/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTINUOUS, REAL-TIME MONITORING OF CHEMICAL CONTAMINANTS IN CARBON DIOXIDE**
[54] **SYSTEME ET PROCEDE POUR UNE SURVEILLANCE EN TEMPS REEL ET CONTINUE DE CONTAMINANTS CHIMIQUES DANS DU DIOXYDE DE CARBONE**
[72] CAMPBELL, DANIEL, US
[72] CASPALL, JAYME, US
[72] COBB-SULLIVAN, JANET, US
[72] JOHNSON, KENNETH, US
[72] JONES, ROBERT, US
[72] STARR, LARRY, US
[72] SLAWSON, MICHAEL, US
[72] WANG, RUOYA, US
[71] THE COCA-COLA COMPANY, US
[85] 2016-10-21
[86] 2015-02-15 (PCT/US2015/015986)
[87] (WO2015/123622)
[30] US (61/940,250) 2014-02-14

[21] **2,946,699**
[13] A1
[51] **Int.Cl. A61M 25/01 (2006.01) A61L 2/26 (2006.01) A61L 31/00 (2006.01) A61M 25/00 (2006.01) A61M 25/06 (2006.01) A61M 39/02 (2006.01) A61M 39/20 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL OBTURATOR FOR USE WITH VASCULAR ACCESS DEVICES**
[54] **OBTURATEUR ANTIMICROBIEN UTILISE AVEC DES DISPOSITIFS D'ACCES VASCULAIRE**
[72] BURKHOLZ, JONATHAN KARL, US
[72] SHEVGOOR, SIDDARTH K., US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2016-10-19
[86] 2015-04-14 (PCT/US2015/025797)
[87] (WO2015/164133)
[30] US (14/260,071) 2014-04-23

[21] **2,946,700**
[13] A1
[51] **Int.Cl. C02F 3/30 (2006.01)**
[25] EN
[54] **NITROGEN-CONTAINING COMPOUNDS FOR BACTERIAL CONTROL IN WATER BASED FLUIDS**
[54] **COMPOSES CONTENANT DE L'AZOTE POUR LUTTE ANTI-BACTERIENNE DANS DES FLUIDES A BASE D'EAU**
[72] HERNANDEZ-MENA, STEPHEN A., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-10-21
[86] 2015-04-09 (PCT/US2015/025123)
[87] (WO2015/167771)
[30] US (14/268,554) 2014-05-02

[21] **2,946,701**
[13] A1
[51] **Int.Cl. A61K 9/48 (2006.01) A61K 31/5377 (2006.01) A61K 47/30 (2006.01)**
[25] EN
[54] **ACTIVE INGREDIENT (I) CONTAINING COMPOSITION AND METHOD FOR PREPARING SAME**
[54] **COMPOSITION CONTENANT LE PRINCIPE ACTIF (I) ET PROCEDE POUR PREPARER CELLE-CI**
[72] PARK, JUN-SUNG, KR
[72] SHIN, DONGCHUL, KR
[72] RYU, KEUN-HO, KR
[72] SHIN, HO CHUL, KR
[72] HWANG, SANG-WOOK, KR
[72] KIM, GWAN-YOUNG, KR
[72] KIM, HUN-TAEK, KR
[71] SK CHEMICALS CO., LTD., KR
[85] 2016-10-21
[86] 2015-04-22 (PCT/KR2015/004021)
[87] (WO2015/163689)
[30] KR (10-2014-0048064) 2014-04-22

[21] **2,946,702**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/5025 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) A61P 25/00 (2006.01) A61P 25/18 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) A61P 43/00 (2006.01) C07D 487/04 (2006.01) C07D 513/04 (2006.01) C07D 513/14 (2006.01)**
[25] EN
[54] **NOVEL BICYCLIC OR TRICYCLIC HETEROCYCLIC COMPOUND**
[54] **NOUVEAU COMPOSE HETEROCYCLIQUE BICYCLIQUE OU TRICYCLIQUE**
[72] OKUYAMA, MASAHIRO, JP
[72] FUKUNAGA, KENJI, JP
[72] USUI, KENJI, JP
[72] HAYASHI, NORIMITSU, JP
[72] IIJIMA, DAISUKE, JP
[72] HORIUCHI, HIDEKI, JP
[72] ITAGAKI, NORIAKI, JP
[71] MITSUBISHI TANABE PHARMA CORPORATION, JP
[85] 2016-10-21
[86] 2015-04-22 (PCT/JP2015/062165)
[87] (WO2015/163339)
[30] JP (2014-089185) 2014-04-23

[21] **2,946,705**
[13] A1
[51] **Int.Cl. C07F 19/00 (2006.01) B01J 31/22 (2006.01) B01J 31/24 (2006.01) C07C 29/132 (2006.01) C07C 29/141 (2006.01) C07C 29/145 (2006.01) C07C 29/149 (2006.01) C07C 31/20 (2006.01) C07C 33/22 (2006.01) C07C 45/29 (2006.01) C07C 49/78 (2006.01) C07C 209/18 (2006.01) C07C 211/48 (2006.01) C07D 213/30 (2006.01) C07F 9/50 (2006.01) C07F 15/00 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **RUTHENIUM COMPLEX, METHOD FOR PRODUCING SAME, AND USE OF SAME**
[54] **COMPLEXE DE RUTHENIUM, SON PROCEDE DE PRODUCTION ET SON UTILISATION**
[72] OGATA, OSAMU, JP
[72] NARA, HIDEKI, JP
[72] NAKAYAMA, YUJI, JP
[71] TAKASAGO INTERNATIONAL CORPORATION, JP
[85] 2016-10-21
[86] 2015-04-24 (PCT/JP2015/062492)
[87] (WO2015/163440)
[30] JP (2014-091969) 2014-04-25

---

[21] **2,946,706**
[13] A1
[51] **Int.Cl. H03F 1/32 (2006.01)**
[25] EN
[54] **DISTORTION COMPENSATION CIRCUIT**
[54] **CIRCUIT DE COMPENSATION DE DISTORSION**
[72] OTSUKA, HIROSHI, JP
[72] KOMATSUZAKI, YUJI, JP
[72] NISHIHARA, JUN, JP
[72] NOTO, HIFUMI, JP
[72] YAMANAKA, KOJI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2016-10-21
[86] 2015-04-24 (PCT/JP2015/062558)
[87] (WO2015/163457)
[30] JP (2014-091508) 2014-04-25
[30] JP (2014-240014) 2014-11-27

---

[21] **2,946,707**
[13] A1
[51] **Int.Cl. A01B 79/02 (2006.01)**
[25] EN
[54] **THE WAY OF MECHANIZED SEEDING (VERSIONS)**
[54] **PROCEDE DE SEMAILLES AUTOMATISE (ET VARIANTES)**
[72] BRINDYUK, SERGEI VLADIMIROVICH, RU
[71] BRINDYUK, SERGEI VLADIMIROVICH, RU
[85] 2016-10-21
[86] 2014-04-21 (PCT/RU2014/000286)
[87] (WO2014/175781)
[30] RU (2013118876) 2013-04-23

---

[21] **2,946,709**
[13] A1
[51] **Int.Cl. C12N 15/115 (2010.01) A61K 31/7105 (2006.01) A61K 45/00 (2006.01) A61K 48/00 (2006.01) A61P 11/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **APTAMER FOR BONDING TO AUTOTAXIN AND INHIBITING BIOLOGICAL ACTIVITY OF AUTOTAXIN, AND USE FOR SAME**
[54] **APTAMERE UTILISE POUR SE LIER A L'AUTOTAXINE ET POUR INHIBER L'ACTIVITE BIOLOGIQUE DE L'AUTOTAXINE, ET SON UTILISATION**
[72] IKEDA, HISAKO, JP
[71] RIBOMIC INC., JP
[85] 2016-10-21
[86] 2015-04-24 (PCT/JP2015/062561)
[87] (WO2015/163458)
[30] JP (2014-090755) 2014-04-24

---

[21] **2,946,711**
[13] A1
[51] **Int.Cl. G01V 1/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF BUILDING COMPLEX EARTH MODELS**
[54] **SYSTEME ET PROCEDE DE CONSTRUCTION DE MODELES TERRESTRES COMPLEXES**
[72] ZHUO, LEI, US
[72] STEFANI, JOSEPH PAUL, US
[71] CHEVRON U.S.A. INC., US
[85] 2016-10-21
[86] 2015-02-06 (PCT/US2015/014732)
[87] (WO2015/187208)
[30] US (14/296,539) 2014-06-05

---

[21] **2,946,713**
[13] A1
[51] **Int.Cl. A01C 7/00 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **THE SEEDING COMPLEX (VERSIONS)**
[54] **ENGIN DE SEMAILLES (ET VARIANTES)**
[72] BRINDYUK, SERGEI VLADIMIROVICH, RU
[71] BRINDYUK, SERGEI VLADIMIROVICH, RU
[85] 2016-10-21
[86] 2014-04-21 (PCT/RU2014/000287)
[87] (WO2014/175782)
[30] RU (2013118876) 2013-04-23

---

[21] **2,946,714**
[13] A1
[51] **Int.Cl. C07C 69/72 (2006.01) C08G 73/00 (2006.01)**
[25] EN
[54] **FOAM COMPOSITIONS**
[54] **COMPOSITIONS DE MOUSSE**
[72] TRUMBO, DAVID, US
[72] KROGMAN, NICK, US
[72] NELSON, DANIEL, US
[71] GACO WESTERN, LLC, US
[85] 2016-10-21
[86] 2015-04-21 (PCT/US2015/026923)
[87] (WO2015/164408)
[30] US (61/982,142) 2014-04-21

---

[21] **2,946,716**
[13] A1
[51] **Int.Cl. C12N 1/21 (2006.01)**
[25] EN
[54] **RECOMBINANT LISTERIA VACCINE STRAINS AND METHODS OF PRODUCING THE SAME**
[54] **SOUCHES DE LISTERIA UTILISEES COMME VACCIN RECOMBINANT ET PROCEDE DE PRODUCTION**
[72] WALLECHA, ANU, US
[72] PETIT, ROBERT, US
[71] ADVAXIS, INC., US
[85] 2016-10-21
[86] 2015-04-14 (PCT/US2015/025690)
[87] (WO2015/164121)
[30] US (61/983,732) 2014-04-24

[21] **2,946,718**
[13] A1
[51] **Int.Cl. B01J 19/00 (2006.01) C07C 4/02 (2006.01) C10G 15/08 (2006.01)**
[25] EN
[54] **FLUID HAMMERS, HYDRODYNAMIC SIRENS, STREAM REACTORS, IMPLEMENTATION OF SAME, AND METHODS FOR TREATMENT OF FLUIDS**
[54] **MARTEAUX DE FLUIDE, SIRENES HYDRODYNAMIQUES, REACTEURS DE FLUX, LEUR MISE EN □UVRE, ET PROCEDES DE TRAITEMENT DE FLUIDES**
[72] FOMITCHEV-ZAMILOV, MAX I., US
[71] QUANTUM VORTEX, INC., US
[85] 2016-10-21
[86] 2014-04-23 (PCT/US2014/035211)
[87] (WO2014/176382)
[30] US (13/869,017) 2013-04-23

---

[21] **2,946,719**
[13] A1
[51] **Int.Cl. C12P 19/34 (2006.01) C07H 19/00 (2006.01) C07H 21/00 (2006.01)**
[25] EN
[54] **UNA OLIGOMERS HAVING REDUCED OFF-TARGET EFFECTS IN GENE SILENCING**
[54] **OLIGOMERES UNA A EFFETS HORS CIBLE REDUITS POUR LE SILENCAGE GENETIQUE**
[72] TACHIKAWA, KIYOSHI, US
[72] PAYNE, JOSEPH E., US
[72] CHIVUKULA, PADMANABH, US
[71] ARCTURUS THERAPEUTICS, INC., US
[85] 2016-10-21
[86] 2015-03-24 (PCT/US2015/022343)
[87] (WO2015/148580)
[30] US (61/970,320) 2014-03-25

---

[21] **2,946,720**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/113 (2010.01)**
[25] EN
[54] **METHODS, PROCESSES, DEVICES AND KITS FOR THE MEASUREMENT OF POST TRAUMATIC STRESS DISORDER MICRORNA MARKERS**
[54] **PROCESSUS, PROCEDES, DISPOSITIFS ET KITS POUR LA MESURE DE MARQUEURS DU STRESS POST-TRAUMATIQUE DE TYPE MICROARN**
[72] MAHESHWARI, RADHA K., US
[72] BALAKATHIRESAN, NAGARAJA S., US
[72] BHOMIA, MANISH, US
[72] CHANDRAN, RAGHAVENDAR, US
[71] THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC., US
[85] 2016-10-21
[86] 2015-04-21 (PCT/US2015/026956)
[87] (WO2015/164431)
[30] US (61/982,651) 2014-04-22

---

[21] **2,946,721**
[13] A1
[51] **Int.Cl. C12Q 1/04 (2006.01) C12N 1/20 (2006.01) C12Q 1/18 (2006.01)**
[25] EN
[54] **RAPID DETERMINATION OF BACTERIAL SUSCEPTIBILITY TO AN ANTIBIOTIC AT THE POINT OF CARE**
[54] **DETERMINATION RAPIDE DE LA SENSIBILITE DE BACTERIES A UN ANTIBIOTIQUE AU POINT DE SOINS**
[72] TURNER, RONALD, US
[71] POINT OF CARE DIAGNOSTICS, LLC, US
[85] 2016-10-21
[86] 2015-04-20 (PCT/US2015/026580)
[87] (WO2015/164225)
[30] US (61/983,800) 2014-04-24

---

[21] **2,946,725**
[13] A1
[51] **Int.Cl. A47J 17/04 (2006.01) A47J 17/16 (2006.01)**
[25] EN
[54] **DEVICE FOR EXTRACTING ZEST FROM A FRUIT AND RELATED METHODS**
[54] **DISPOSITIF PERMETTANT D'EXTRAIRE LE ZESTE D'UN FRUIT, ET PROCEDES ASSOCIES**
[72] SMITH, JASON DWAYNE, US
[72] WHEELER, JASPER E., US
[72] DRINKWATER, WILLIAM EDWIN, US
[71] LIFETIME BRANDS, INC., US
[85] 2016-10-21
[86] 2015-04-14 (PCT/US2015/025660)
[87] (WO2015/160743)
[30] US (61/979,475) 2014-04-14

---

[21] **2,946,727**
[13] A1
[51] **Int.Cl. H04N 7/15 (2006.01)**
[25] EN
[54] **TELEPRESENCE APPARATUS AND METHOD ENABLING A CASE-STUDY APPROACH TO LECTURING AND TEACHING**
[54] **APPAREIL ET PROCEDE DE TELEPRESENCE PERMETTANT UNE APPROCHE D'ETUDE DE CAS POUR DES CONFERENCES ET DES COURS**
[72] MOON, YOUNGME, US
[72] NOHRIA, NITIN, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2016-10-21
[86] 2015-04-22 (PCT/US2015/027014)
[87] (WO2015/164461)
[30] US (61/983,066) 2014-04-23
[30] US (62/004,114) 2014-05-28
[30] US (62/029,101) 2014-07-25

[21] **2,946,730**
[13] A1
[51] **Int.Cl. A22C 29/02 (2006.01)**
[25] EN
[54] **SHRIMP PROCESSING SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDES DE TRAITEMENT DE CREVETTE**
[72] LEDET, CHARLES J., US
[72] LAPEYRE, ROBERT S., US
[72] TAYLOR, BRUCE F., US
[71] LAITRAM, L.L.C., US
[85] 2016-10-21
[86] 2015-04-22 (PCT/US2015/027032)
[87] (WO2015/164471)
[30] US (61/983,835) 2014-04-24

---

[21] **2,946,732**
[13] A1
[51] **Int.Cl. C09K 8/80 (2006.01)**
[25] EN
[54] **PROPPANT FOR FRACKING FLUID**
[54] **AGENT DE SOUTENEMENT POUR FLUIDE DE FRACTURATION**
[72] HULSEMAN, RALPH, US
[72] HULSEMAN, SARAH, US
[72] FONSECA, ERNESTO, US
[72] LIU, YINGHUI, US
[72] FARINAS, MAURICIO, US
[72] REYNOLDS, MICHAEL, US
[71] HOOWAKI, LLC, US
[85] 2016-10-21
[86] 2015-04-21 (PCT/US2015/026864)
[87] (WO2015/164368)
[30] US (61/983,311) 2014-04-23

---

[21] **2,946,734**
[13] A1
[51] **Int.Cl. G06F 21/57 (2013.01)**
[25] EN
[54] **THREAT AND DEFENSE EVASION MODELING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MODELISATION DE MENACE ET D'EVITEMENT DE DEFENSE**
[72] ARTES, FRANCISCO S., US
[72] FREI, STEFAN, CH
[71] NSS LABS, INC., US
[85] 2016-10-21
[86] 2015-04-22 (PCT/US2015/027072)
[87] (WO2015/164493)
[30] US (61/983,368) 2014-04-23
[30] US (14/692,651) 2015-04-21

---

[21] **2,946,736**
[13] A1
[51] **Int.Cl. E01D 19/16 (2006.01) F16G 11/03 (2006.01) F16G 11/06 (2006.01)**
[25] EN
[54] **ADVANCED STRANDED CABLE TERMINATION METHODS AND DESIGNS**
[54] **PROCEDES ET CONCEPTION AVANCES DE TERMINAISON DE CABLE TORONNE**
[72] CAMPBELL, RICHARD V., US
[71] CAMPBELL, RICHARD V., US
[85] 2016-10-21
[86] 2015-04-22 (PCT/US2015/027169)
[87] (WO2015/164546)
[30] US (61/982,825) 2014-04-22
[30] US (14/693,811) 2015-04-22

---

[21] **2,946,737**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR ENHANCING AND/OR PREDICTING DNA AMPLIFICATION**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'AMELIORER ET/OU DE PREDIRE L'AMPLIFICATION D'ADN**
[72] PETERS, LARS, US
[72] JUDICE, STEPHEN A., US
[72] SHAFFER, DANIEL, US
[72] PARKER, BRECK, US
[71] ENVIROLOGIX, INC., US
[85] 2016-10-21
[86] 2015-04-22 (PCT/US2015/027074)
[87] (WO2015/164494)
[30] US (61/982,784) 2014-04-22

---

[21] **2,946,741**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) A61K 9/08 (2006.01) A61P 3/00 (2006.01) A61P 9/12 (2006.01)**
[25] EN
[54] **METHODS OF USING CYCLOOXYGENASE-PROSTACYCLIN SYNTHASE FUSION GENE**
[54] **PROCEDES D'UTILISATION DU GENE DE FUSION DE LA CYCLOOXYGENASE-PROSTACYCLINE SYNTHASE**
[72] DIXON, RICHARD A. F., US
[72] ZHOU, LEI, US
[72] VANDERSLICE, PETER, US
[72] RUAN, KE-HE, US
[72] CHEN, ZHIQIANG, US
[71] TEXAS HEART INSTITUTE, US
[85] 2016-10-21
[86] 2015-04-22 (PCT/US2015/027113)
[87] (WO2015/164514)
[30] US (61/983,335) 2014-04-23

---

[21] **2,946,742**
[13] A1
[51] **Int.Cl. A61K 31/7008 (2006.01) A61K 31/726 (2006.01) A61P 19/02 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **ANALOGS OF N-ACETYLGLUCOSAMINE AND USES THEREOF**
[54] **ANALOGUES DE LA N-ACETYLGLUCOSAMINE ET LEURS UTILISATIONS**
[72] DEMETRIOU, MICHAEL, US
[72] OGANESYAN, ANI, US
[72] DENNIS, JAMES, CA
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2016-10-21
[86] 2015-04-23 (PCT/US2015/027325)
[87] (WO2015/164622)
[30] US (61/983,182) 2014-04-23

[21] **2,946,743**
[13] A1
[51] **Int.Cl. E21B 49/00 (2006.01) G01V 3/18 (2006.01) G01V 3/38 (2006.01)**
[25] EN
[54] **INTERWELL TOMOGRAPHY METHODS AND SYSTEMS EMPLOYING A CASING SEGMENT WITH AT LEAST ONE TRANSMISSION CROSSOVER ARRANGEMENT**
[54] **PROCEDES ET SYSTEMES DE TOMOGRAPHIE ENTRE PUITS EMPLOYANT UN SEGMENT DE TUBAGE DOTE D'AU MOINS UN ARRANGEMENT DE PONTAGE DE TRANSMISSION**
[72] BITTAR, MICHAEL S., US
[72] MENEZES, CLIVE D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-21
[86] 2015-04-23 (PCT/US2015/027374)
[87] (WO2015/167933)
[30] US (61/987,455) 2014-05-01

---

[21] **2,946,744**
[13] A1
[51] **Int.Cl. A61L 2/18 (2006.01) A61L 2/24 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROBE CLEANING AND DISINFECTING**
[54] **SYSTEME ET PROCEDE DE NETTOYAGE ET DE DESINFECTION DE SONDES**
[72] DOBBYN, GREGORY JOHN, US
[71] DOBBYN, GREGORY JOHN, US
[85] 2016-10-21
[86] 2015-04-22 (PCT/US2015/027124)
[87] (WO2015/164519)
[30] US (61/982,582) 2014-04-22

---

[21] **2,946,745**
[13] A1
[51] **Int.Cl. F25B 41/06 (2006.01) F25B 49/00 (2006.01)**
[25] EN
[54] **MANAGING CONDENSATION WITH ANGLED FLUID CONTROL FEATURES**
[54] **GESTION DE LA CONDENSATION AYANT DES ELEMENTS DE REGULATION DE FLUIDE INCLINES**
[72] HALVERSON, KURT J., US
[72] JOHNSTON, RAYMOND P., US
[72] NELSON, CALEB T., US
[72] SWANSON, STEVEN P., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2016-10-21
[86] 2015-04-23 (PCT/US2015/027338)
[87] (WO2015/164632)
[30] US (61/983,585) 2014-04-24

---

[21] **2,946,746**
[13] A1
[51] **Int.Cl. C08J 9/35 (2006.01) C08J 9/28 (2006.01)**
[25] EN
[54] **TEMPLATE-ASSISTED PRODUCTION OF POROUS MATERIALS**
[54] **PRODUCTION DE MATERIAUX POREUX ASSISTEE PAR MATRICE**
[72] KOMON, ZACHARY, US
[72] WYRSTA, MICHAEL, US
[71] AMERICAN AEROGEL CORPORATION, US
[85] 2016-10-21
[86] 2015-04-23 (PCT/US2015/027398)
[87] (WO2015/164673)
[30] US (61/982,932) 2014-04-23
[30] US (62/015,340) 2014-06-20

---

[21] **2,946,747**
[13] A1
[51] **Int.Cl. A61K 35/28 (2015.01) A61K 35/12 (2015.01) A61K 35/36 (2015.01) A61P 9/00 (2006.01)**
[25] EN
[54] **METHODS OF ENHANCING STEM CELL ENGRAFTMENT**
[54] **METHODES D'AMELIORATION DE LA PRISE DE GREFFE DE CELLULES SOUCHES**
[72] LIU, QI, US
[72] DIXON, RICHARD A.F., US
[71] TEXAS HEART INSTITUTE, US
[85] 2016-10-21
[86] 2015-04-22 (PCT/US2015/027099)
[87] (WO2015/164506)
[30] US (61/983,326) 2014-04-23

---

[21] **2,946,749**
[13] A1
[51] **Int.Cl. F02M 25/022 (2006.01) F02M 25/025 (2006.01) F02M 27/02 (2006.01)**
[25] EN
[54] **FUEL CONTROL SYSTEMS FOR OPERATING GASOLINE ENGINES BASED ON ETHANOL-WATER-HYDROGEN MIXTURE FUELS**
[54] **SYSTEMES DE COMMANDE DE CARBURANT POUR LE FONCTIONNEMENT DE MOTEURS A ESSENCE SUR LA BASE DE CARBURANTS CONSTITUES DE MELANGE D'ETHANOL, D'EAU ET D'HYDROGENE**
[72] FAN, PINLIANG, US
[71] AMERICAN UNITED ENERGY, INC., US
[85] 2016-10-21
[86] 2015-04-23 (PCT/US2015/027397)
[87] (WO2015/164672)
[30] US (61/983,360) 2014-04-23

[21] **2,946,751**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) A61K 9/16 (2006.01) A61K 31/7105 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **NUCLEIC ACID VACCINES**
[54] **VACCINS A BASE D'ACIDE NUCLEIQUE**
[72] CIARAMELLA, GIUSEPPE, US
[72] BOUCHON, AXEL, DE
[72] HUANG, ERIC YI-CHUN, US
[71] MODERNATX, INC., US
[85] 2016-10-21
[86] 2015-04-23 (PCT/US2015/027400)
[87] (WO2015/164674)
[30] US (61/983,250) 2014-04-23
[30] US (62/088,994) 2014-12-08

[21] **2,946,752**
[13] A1
[51] **Int.Cl. G01N 21/03 (2006.01) B01L 3/00 (2006.01) G01N 21/13 (2006.01)**
[25] EN
[54] **REAGENT CARTRIDGE AND METHODS FOR DETECTION OF CELLS**
[54] **CARTOUCHE DE REACTIF ET PROCEDES POUR DETECTION DE CELLULES**
[72] DE FOREST, NIKOL, US
[72] FREI, WERNER, US
[72] REY, DIEGO, US
[72] ROY, SHAUNAK, US
[72] SHUKLA, SONI, US
[72] GRISWOLD, RYAN C., US
[72] OLSON, KENNETH G., US
[72] RICHARDSON, BRUCE J., US
[72] YEE, VICTOR H., US
[71] GENEWEAVE BIOSCIENCES, INC., US
[85] 2016-10-21
[86] 2015-04-24 (PCT/US2015/027519)
[87] (WO2015/164746)
[30] US (61/983,765) 2014-04-24
[30] US (14/617,631) 2015-02-09

[21] **2,946,753**
[13] A1
[51] **Int.Cl. E04B 9/18 (2006.01) E04B 9/00 (2006.01) F16L 3/26 (2006.01)**
[25] EN
[54] **HANGING LOAD SUPPORT**
[54] **SUPPORT DE CHARGE SUSPENDUE**
[72] SAREYKA, BRETT WAYNE, US
[72] NEAL, JOSHUA LEE, US
[71] WORTHINGTON ARMSTRONG VENTURE, US
[85] 2016-10-21
[86] 2015-04-24 (PCT/US2015/027485)
[87] (WO2015/164718)
[30] US (14/120,104) 2014-04-25

[21] **2,946,754**
[13] A1
[51] **Int.Cl. C07D 417/10 (2006.01)**
[25] EN
[54] **OPTICALLY ACTIVE PDE10 INHIBITOR**
[54] **INHIBITEUR DE PDE10 OPTIQUEMENT ACTIF**
[72] CUTSHALL, NEIL S., US
[72] FERGUSON, KENNETH M., US
[72] ZUTA, CHARLES PRINCE, US
[71] OMEROS CORPORATION, US
[85] 2016-10-21
[86] 2015-04-24 (PCT/US2015/027645)
[87] (WO2015/167968)
[30] US (61/985,381) 2014-04-28
[30] US (62/047,569) 2014-09-08

[21] **2,946,755**
[13] A1
[51] **Int.Cl. E05D 5/00 (2006.01) E05D 5/02 (2006.01) E05D 7/00 (2006.01) E05D 7/12 (2006.01)**
[25] EN
[54] **DOOR SYSTEM FOR AIRFLOW CONTROL**
[54] **SYSTEME DE PORTE POUR COMMANDE DE FLUX D'AIR**
[72] VEINO, CLINT, US
[72] LONG, BRUCE, US
[72] STRONG, LARS, US
[71] UPSITE TECHNOLOGIES, INC., US
[85] 2016-10-21
[86] 2015-04-24 (PCT/US2015/027506)
[87] (WO2015/164736)
[30] US (61/983,680) 2014-04-24

[21] **2,946,756**
[13] A1
[51] **Int.Cl. C07D 417/10 (2006.01)**
[25] EN
[54] **PROCESSES AND INTERMEDIATES FOR THE PREPARATION OF A PDE10 INHIBITOR**
[54] **PROCEDES ET INTERMEDIAIRES POUR LA PREPARATION D'UN INHIBITEUR DE LA PDE10**
[72] CUTSHALL, NEIL S., US
[72] GAGE, JENNIFER LYNN, US
[72] LITTLE, THOMAS L., US
[72] LUKE, WAYNE DOUGLAS, US
[72] BROT, ELISABETH C.A., US
[72] JONAS, MARCO, US
[72] MCDERMOTT, MICHAEL JAMES, US
[72] REINEKE, KARL E., US
[71] OMEROS CORPORATION, US
[85] 2016-10-21
[86] 2015-04-24 (PCT/US2015/027647)
[87] (WO2015/167969)
[30] US (61/985,400) 2014-04-28

[21] **2,946,757**
[13] A1
[51] **Int.Cl. A61F 5/441 (2006.01)**
[25] EN
[54] **OSTOMY POUCH FILTER SYSTEM**
[54] **SYSTEME DE FILTRE POUR POCHE DE STOMIE**
[72] OBERHOLTZER, GARY, US
[72] LESKO, MARC, US
[71] CONVATEC TECHNOLOGIES INC., US
[85] 2016-10-21
[86] 2015-04-24 (PCT/US2015/027661)
[87] (WO2015/164832)
[30] US (61/983,998) 2014-04-24

[21] **2,946,758**
[13] A1
[51] **Int.Cl. C12N 1/38 (2006.01)**
[25] EN
[54] **MICROBIOLOGICAL GROWTH MEDIA AND METHODS OF USING THE SAME**
[54] **MILIEU DE CROISSANCE MICROBIOLOGIQUE ET SES PROCEDES D'UTILISATION**
[72] SHARA, KATE, US
[72] SCHWEDOCK, JULIE, US
[72] VOGEL, SOMMER, US
[71] RAPID MICRO BIOSYSTEMS, INC., US
[85] 2016-10-21
[86] 2015-04-24 (PCT/US2015/027652)
[87] (WO2015/164827)
[30] US (61/983,675) 2014-04-24

---

[21] **2,946,759**
[13] A1
[51] **Int.Cl. C07K 14/82 (2006.01)**
[25] EN
[54] **TREATMENT OF H-RAS-DRIVEN TUMORS**
[54] **TRAITEMENT DE TUMEURS PROVOQUEES PAR H-RAS**
[72] FAGIN, JAMES A., US
[72] KNAUF, JEFFREY A., US
[72] UNTCH, BRIAN R., US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2016-10-21
[86] 2015-04-27 (PCT/US2015/027771)
[87] (WO2015/164862)
[30] US (61/984,613) 2014-04-25

---

[21] **2,946,761**
[13] A1
[51] **Int.Cl. A61K 38/16 (2006.01) A61K 38/19 (2006.01) A61P 13/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING INCONTINENCE AND OTHER SPHINCTER DEFICIENCY DISORDERS**
[54] **METHODES DE TRAITEMENT DE L'INCONTINENCE ET D'AUTRES TROUBLES LIES A UNE DEFICIENCE DES SPHINCTERS**
[72] WILLIAMS, JAMES K., US
[71] WAKE FOREST UNIVERSITY HEALTH SCIENCES, US
[85] 2016-10-21
[86] 2015-04-30 (PCT/US2015/028490)
[87] (WO2015/171417)
[30] US (61/990,190) 2014-05-08

---

[21] **2,946,764**
[13] A1
[51] **Int.Cl. G01N 11/02 (2006.01) E21B 43/247 (2006.01) E21B 49/08 (2006.01)**
[25] EN
[54] **VISCOMETER AND METHODS OF USE THEREOF**
[54] **VISCOSIMETRE ET SES PROCEDES D'UTILISATION**
[72] RAMESH, AVINASH, US
[72] SRIDHAR, GARUD BINDIGANAVALE, US
[72] CHONG, JONATHAN WUN SHIUNG, US
[72] LUHARUKA, RAJESH, US
[72] CALLAWAY, LEWIS, US
[72] OMONT, GREGOIRE, US
[72] ALANIZ, IVAN, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-10-21
[86] 2015-05-04 (PCT/US2015/029071)
[87] (WO2015/168689)
[30] US (61/987,602) 2014-05-02
[30] US (61/987,614) 2014-05-02
[30] US (62/019,589) 2014-07-01
[30] US (62/019,579) 2014-07-01

---

[21] **2,946,767**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/00 (2006.01) E21B 43/12 (2006.01) E21B 43/16 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHODS, AND SYSTEMS FOR CONTROLLING OPERATION STEAM STIMULATED WELLS**
[54] **PROCEDES ET SYSTEMES DE REGLAGE DU FONCTIONNEMENT DE PUITS STIMULES PAR DE LA VAPEUR D'EAU**
[72] DERRY, MARK, CA
[72] DZURMAN, PETER, CA
[72] ZANON, STEFAN, CA
[71] NEXEN ENERGY ULC, CA
[85] 2016-10-24
[86] 2015-04-07 (PCT/CA2015/000233)
[87] (WO2016/161495)

---

[21] **2,946,769**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) H02J 9/00 (2006.01)**
[25] EN
[54] **DIMMABLE LED LIGHT**
[54] **LUMIERE DEL A INTENSITE REGLABLE**
[72] RODINGER, TOMAS, CA
[72] CHU, GIMMY, CA
[72] YAN, CHRISTIAN, CA
[71] RODINGER, TOMAS, CA
[71] CHU, GIMMY, CA
[71] YAN, CHRISTIAN, CA
[85] 2016-10-24
[86] 2015-04-22 (PCT/CA2015/050336)
[87] (WO2015/161379)
[30] US (61/983,460) 2014-04-24

---

[21] **2,946,771**
[13] A1
[51] **Int.Cl. C12P 17/12 (2006.01) C12N 13/00 (2006.01) C12N 15/00 (2006.01) C12N 15/52 (2006.01) C12N 15/54 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01) C12P 13/00 (2006.01) C12P 17/00 (2006.01) C12Q 1/68 (2006.01) C40B 20/00 (2006.01) C40B 30/00 (2006.01)**
[25] EN
[54] **IMPROVED METHODS FOR MAKING AND USING POLYNUCLEOTIDE SEQUENCES IN THE SYNTHESIS OF ALKALOID COMPOUNDS**
[54] **PROCEDES AMELIORES DE FABRICATION ET D'UTILISATION DE SEQUENCES POLYNUCLEOTIDIQUES DANS LA SYNTHESE DE COMPOSES ALCALOIDES**
[72] FACCHINI, PETER JAMES, CA
[71] EPIMERON INC., CA
[85] 2016-10-24
[86] 2015-04-27 (PCT/CA2015/050346)
[87] (WO2015/164960)
[30] US (61/985,742) 2014-04-29
[30] US (62/094,376) 2014-12-19

[21] **2,946,772**
[13] A1
[51] **Int.Cl. H04L 1/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SENDING AND RECEIVING SIGNAL**
[54] **PROCEDE ET DISPOSITIF D'EMISSION ET DE RECEPTION DE SIGNAL**
[72] QIU, JING, CN
[72] JIA, MING, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-10-24
[86] 2014-04-25 (PCT/CN2014/076298)
[87] (WO2015/161518)

---

[21] **2,946,774**
[13] A1
[51] **Int.Cl. H04L 12/28 (2006.01)**
[25] EN
[54] **WIRELESS ASSISTANCE METHOD, APPARATUS, AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME D'ASSISTANCE SANS FIL**
[72] XIE, YONG, CN
[72] RONG, LU, CN
[72] CHEN, JUN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-10-24
[86] 2015-04-20 (PCT/CN2015/076979)
[87] (WO2015/161765)
[30] CN (201410169876.9) 2014-04-24

---

[21] **2,946,777**
[13] A1
[51] **Int.Cl. C08F 4/00 (2006.01)**
[25] EN
[54] **CATALYST COMPONENT FOR OLEFIN POLYMERIZATION, AND CATALYST CONTAINING THE SAME**
[54] **CONSTITUANT DE CATALYSEUR POUR LA POLYMERISATION D'OLEFINES ET CATALYSEUR ASSOCIE**
[72] GAO, MINGZHI, CN
[72] WANG, JUN, CN
[72] LIU, HAITAO, CN
[72] MA, JING, CN
[72] CHEN, JIANHUA, CN
[72] MA, JIXING, CN
[72] CAI, XIAOXIA, CN
[72] LI, CHANGXIU, CN
[72] HU, JIANJUN, CN
[72] ZHANG, XIAOFAN, CN
[72] LI, XIANZHONG, CN
[72] ZHANG, ZHIHUI, CN
[72] DUAN, RUILIN, CN
[72] YANG, LINNA, CN
[72] MA, CHANGYOU, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[85] 2016-10-24
[86] 2015-04-24 (PCT/CN2015/077381)
[87] (WO2015/161827)
[30] CN (201410169176.X) 2014-04-24
[30] CN (201410168633.3) 2014-04-24
[30] CN (201410168507.8) 2014-04-24
[30] CN (201410169910.2) 2014-04-24
[30] CN (201410169052.1) 2014-04-24
[30] CN (201410168586.2) 2014-04-24

---

[21] **2,946,779**
[13] A1
[51] **Int.Cl. H04N 19/00 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING RESIDUE TRANSFORM TREE REPRESENTATION**
[54] **PROCEDE ET APPAREIL DE DETERMINATION DE REPRESENTATION D'ARBRE DE TRANSFORMEE DE RESIDUS**
[72] AN, JICHENG, CN
[72] ZHANG, KAI, CN
[72] YE, JING, US
[72] LIU, SHAN, US
[71] MEDIATEK SINGAPORE PTE. LTD., SG
[85] 2016-10-24
[86] 2015-05-05 (PCT/CN2015/078270)
[87] (WO2015/169207)
[30] US (61/988,403) 2014-05-05
[30] CN (PCT/CN2014/086426) 2014-09-12

---

[21] **2,946,782**
[13] A1
[51] **Int.Cl. D01F 1/10 (2006.01) C08K 5/00 (2006.01)**
[25] EN
[54] **FIBERS AND THREADS HAVING OCCLUSION FUNCTION**
[54] **FIBRES ET FILS A FONCTION OCCLUSIVE**
[72] BAUERFEIND, HANS B., DE
[71] BAUERFEIND AG, DE
[85] 2016-10-24
[86] 2015-03-13 (PCT/EP2015/055318)
[87] (WO2015/140072)
[30] DE (10 2014 004 258.8) 2014-03-19

---

[21] **2,946,788**
[13] A1
[51] **Int.Cl. G01C 13/00 (2006.01) G01M 99/00 (2011.01) B63C 11/00 (2006.01) G01J 3/28 (2006.01) G03B 15/02 (2006.01) H04N 5/225 (2006.01) H04N 5/247 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **UNDERWATER SURVEYS**
[54] **ETUDES SOUS-MARINES**
[72] BOYLE, ADRIAN, IE
[72] FLYNN, MICHAEL, IE
[71] CATHX RESEARCH LTD, IE
[85] 2016-10-24
[86] 2015-04-24 (PCT/EP2015/058985)
[87] (WO2015/162278)
[30] GB (1407267.2) 2014-04-24

[21] **2,946,817**
[13] A1
[51] **Int.Cl. E01B 29/24 (2006.01) F02D 29/04 (2006.01) F02D 41/02 (2006.01)**
[25] EN
[54] **MACHINE FOR THE APPLICATION AND / OR REMOVAL OF CONNECTING FASTENERS FOR RAILS**
[54] **MACHINE POUR L'APPLICATION ET/OU LE RETRAIT D'ATTACHES DE LIAISON POUR RAILS**
[72] BAREZZANI, GUALTIERO, IT
[72] BRAGA, CESARE, IT
[72] GERARDINI, DAVIDE, IT
[71] CEMBRE S.P.A., IT
[85] 2016-10-24
[86] 2015-03-05 (PCT/IB2015/051613)
[87] (WO2015/170199)
[30] IT (MI2014A000813) 2014-05-05

---

[21] **2,946,822**
[13] A1
[51] **Int.Cl. B32B 33/00 (2006.01) B32B 3/30 (2006.01) B32B 27/14 (2006.01) B65D 23/02 (2006.01)**
[25] EN
[54] **STRUCTURE HAVING LIQUID FILM ON THE SURFACE THEREOF**
[54] **STRUCTURE COMPORTANT UN FILM LIQUIDE SUR SA SURFACE**
[72] IWAMOTO, SHINYA, JP
[72] AKUTSU, YOSUKE, JP
[71] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
[85] 2016-10-24
[86] 2015-04-14 (PCT/JP2015/061451)
[87] (WO2015/163189)
[30] JP (2014-091894) 2014-04-25

---

[21] **2,946,824**
[13] A1
[51] **Int.Cl. G10L 19/06 (2013.01) G10L 25/12 (2013.01)**
[25] EN
[54] **LINEAR PREDICTION COEFFICIENT CONVERSION DEVICE AND LINEAR PREDICTION COEFFICIENT CONVERSION METHOD**
[54] **DISPOSITIF DE CONVERSION DE COEFFICIENT DE PREDICTION LINEAIRE ET PROCEDE DE CONVERSION DE COEFFICIENT DE PREDICTION LINEAIRE**
[72] NAKA, NOBUHIKO, JP
[72] RUOPPILA, VESA, DE
[71] NTT DOCOMO, INC., JP
[85] 2016-10-24
[86] 2015-04-16 (PCT/JP2015/061763)
[87] (WO2015/163240)
[30] JP (2014-090781) 2014-04-25

---

[21] **2,946,825**
[13] A1
[51] **Int.Cl. A61K 31/7048 (2006.01) A61P 21/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **MUSCLE ATROPHY INHIBITOR CONTAINING QUERCETIN GLYCOSIDE**
[54] **INHIBITEUR DE L'ATROPHIE MUSCULAIRE CONTENANT UN GLYCOSIDE DE QUERCETINE**
[72] OTSUKA, YUTA, JP
[72] EGAWA, KAHORI, JP
[72] KANZAKI, NORIYUKI, JP
[71] SUNTORY HOLDINGS LIMITED, JP
[85] 2016-10-24
[86] 2015-04-24 (PCT/JP2015/062533)
[87] (WO2015/166887)
[30] JP (2014-092855) 2014-04-28

---

[21] **2,946,828**
[13] A1
[51] **Int.Cl. A61K 9/72 (2006.01) A61M 35/00 (2006.01) C01B 21/24 (2006.01)**
[25] EN
[54] **TREATING DISEASES USING NITRIC OXIDE RELEASING SOLUTIONS**
[54] **TRAITEMENT DE MALADIES A L'AIDE DE SOLUTIONS LIBERANT DE L'OXYDE NITRIQUE**
[72] STENZLER, ALEX, US
[72] MILLER, CHRISTOPHER C., CA
[72] REGEV-SHOSHANI, GILLY, CA
[71] NITRIC SOLUTIONS, INC., CA
[85] 2016-10-24
[86] 2015-03-10 (PCT/US2015/019632)
[87] (WO2015/138406)
[30] US (61/953,053) 2014-03-14

---

[21] **2,946,832**
[13] A1
[51] **Int.Cl. A61K 31/545 (2006.01)**
[25] EN
[54] **ORAL CEFEPIME COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS DE CEFEPIME ORALES ET UTILISATIONS CORRESPONDANTES**
[72] RADHAKRISHNAN, BALASINGAM, US
[72] VAIDYA, ANURADHA, US
[71] SEACHAID PHARMACEUTICALS, INC., US
[85] 2016-10-24
[86] 2014-04-25 (PCT/US2014/035454)
[87] (WO2014/176501)
[30] US (61/815,932) 2013-04-25

[21] **2,946,833**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **NOVEL PYRROLOPYRIMIDINE COMPOUND OR SALT THEREOF, PHARMACEUTICAL COMPOSITION CONTAINING SAME, ESPECIALLY AGENT FOR PREVENTION AND/OR TREATMENT OF TUMORS ETC BASED ON NAE INHIBITORY EFFECT**
[54] **NOUVEAU COMPOSE DE PYRROLOPYRIMIDINE OU SEL DE CELUI-CI, COMPOSITION PHARMACEUTIQUE LE CONTENANT, EN PARTICULIER AGENT POUR LA PREVENTION ET/OU LE TRAITEMENT DE TUMEURS ETC. SUR LA BASE DE L'EFFET INHIBITEUR DE LA NAE**
[72] MIZUTANI, TAKASHI, JP
[72] YOSHIMURA, CHIHOKO, JP
[72] KONDO, HITOMI, JP
[72] KITADE, MAKOTO, JP
[72] OHKUBO, SHUICHI, JP
[71] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2016-10-24
[86] 2015-06-24 (PCT/JP2015/068218)
[87] (WO2015/199136)
[30] JP (2014-129740) 2014-06-24
[30] JP (2015-024785) 2015-02-10

---

[21] **2,946,834**
[13] A1
[51] **Int.Cl. C07D 263/04 (2006.01) A61K 31/421 (2006.01) A61P 15/00 (2006.01) C07D 263/06 (2006.01)**
[25] EN
[54] **OXAZOLIDINE-BASED COMPOUND AND SELECTIVE ANDROGEN RECEPTOR AGONIST COMPRISING SAME**
[54] **COMPOSE A BASE D'OXAZOLIDINE ET AGONISTE DE RECEPTEUR D'ANDROGENE SELECTIF COMPRENANT CELUI-CI**
[72] CHOI, SUNG PIL, KR
[72] CHOI, SEUL MIN, KR
[72] SON, BYOUNG HWA, KR
[72] KIM, HYUN JUNG, KR
[72] KIM, JU MI, KR
[72] JANG, BYUNG JUN, KR
[72] SUNG, JI HYUN, KR
[72] LEE, JI HYE, KR
[72] KIM, EUNJIN, KR
[72] KANG, KYUNG KOO, KR
[72] KIM, SOON-HOE, KR
[71] DONG-A ST CO., LTD., KR
[85] 2016-10-24
[86] 2015-04-07 (PCT/KR2015/003477)
[87] (WO2015/163604)
[30] KR (10-2014-0049277) 2014-04-24

---

[21] **2,946,835**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) G06F 17/11 (2006.01) G06F 17/16 (2006.01)**
[25] EN
[54] **MULTI-STAGE LINEAR SOLUTION FOR IMPLICIT RESERVOIR SIMULATION**
[54] **SOLUTION LINEAIRE A PLUSIEURS ETAGES POUR LA SIMULATION IMPLICITE DE RESERVOIR**
[72] WANG, QINGHUA, US
[72] FLEMING, GRAHAM, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-10-24
[86] 2014-06-19 (PCT/US2014/043229)
[87] (WO2015/195129)

---

[21] **2,946,836**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 21/08 (2006.01) E21B 44/00 (2006.01) G05B 19/02 (2006.01)**
[25] EN
[54] **OPTIMIZED UBD OPERATION ENVELOPE**
[54] **ENVELOPPE D'OPERATION DE FORAGE EN SOUS-PRESSION (UBD) OPTIMISEE**
[72] SAMUEL, ROBELLO, US
[72] HUANG, XIAOQIAN, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-10-24
[86] 2014-06-04 (PCT/US2014/040934)
[87] (WO2015/187157)

---

[21] **2,946,838**
[13] A1
[51] **Int.Cl. A61M 5/31 (2006.01) A61M 5/178 (2006.01) A61M 5/34 (2006.01)**
[25] EN
[54] **SYRINGE WITH ROLLING DIAPHRAGM**
[54] **SERINGUE AYANT UN DIAPHRAGME ROULANT**
[72] BERRY, DAVE, US
[72] TUCKER, BARRY L., US
[72] RHINEHART, EDWARD J., US
[72] TROCKI, MARK, US
[72] CALLAN, GERALD W., US
[72] UBER, ARTHUR E., III, US
[72] URAM, MARTIN J., US
[72] CALLEN, DAVE, US
[72] COWAN, KEVIN P., US
[72] HOFFMAN, RAYMOND C., US
[72] KRUPP, BENJAMIN T., US
[72] GIBLER, MARTIN J., US
[72] MCGEE, MATTHEW, US
[72] SPOHN, MICHAEL A., US
[71] BAYER HEALTHCARE LLC, US
[85] 2016-10-24
[86] 2015-04-24 (PCT/US2015/027582)
[87] (WO2015/164783)
[30] US (61/984,386) 2014-04-25
[30] US (61/987,086) 2014-05-01

[21] **2,946,839**
[13] A1
[51] **Int.Cl. E04B 1/74 (2006.01) E04B 1/76 (2006.01) E21B 12/00 (2006.01)**
[25] EN
[54] **INSULATION ENCLOSURE WITH A THERMAL MASS**
[54] **ENCEINTE D'ISOLATION COMPORTANT UNE MASSE THERMIQUE**
[72] OWNBY, CLAYTON A., US
[72] COOK, GRANT O., III, US
[72] THOMAS, JEFFREY G., US
[72] OLSEN, GARRETT T., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-24
[86] 2014-06-25 (PCT/US2014/044004)
[87] (WO2015/199670)

---

[21] **2,946,842**
[13] A1
[51] **Int.Cl. G02C 5/22 (2006.01)**
[25] FR
[54] **DEVICE FOR CONNECTING SPECTACLE TEMPLES TO THE FRAME FRONT**
[54] **DISPOSITIF DE CONNEXION DE BRANCHES DE LUNETTES SUR LA FACE FRONTALE**
[72] RUBAUD, MARC-ANTOINE, FR
[72] THUAU, GUILLAUME, FR
[71] RUBAUD, MARC-ANTOINE, FR
[71] THUAU, GUILLAUME, FR
[85] 2016-10-24
[86] 2015-04-10 (PCT/FR2015/050964)
[87] (WO2015/162354)
[30] FR (1453754) 2014-04-25

---

[21] **2,946,843**
[13] A1
[51] **Int.Cl. F21V 15/01 (2006.01) F21K 9/00 (2016.01) F21S 2/00 (2016.01) F21S 8/02 (2006.01) F21V 15/015 (2006.01) F21V 17/00 (2006.01) F21V 23/04 (2006.01)**
[25] EN
[54] **CURVILINEAR DROP CEILING LED LIGHTING PANEL**
[54] **PANNEAU D'ECLAIRAGE A DEL DU TYPE FAUX-PLAFOND CURVILIGNE**
[72] ANDREW, PECK, US
[71] ENLIGHTEN LUMINAIRES LLC, US
[85] 2016-10-24
[86] 2015-02-19 (PCT/US2015/016491)
[87] (WO2015/163975)
[30] US (61/983,197) 2014-04-23
[30] US (14/618,101) 2015-02-10

---

[21] **2,946,847**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/60 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR PROVIDING PROPPANT SUSPENSION AND CONSOLIDATION IN SUBTERRANEAN TREATMENT OPERATIONS**
[54] **PROCEDES ET COMPOSITIONS DE FOURNITURE DE SUSPENSION D'AGENT DE SOUTENEMENT ET DE CONSOLIDATION DANS DES OPERATIONS DE TRAITEMENT SOUTERRAIN**
[72] NGUYEN, PHILIP D., US
[72] VO, LOAN K., US
[72] CHOPADE, PRASHANT D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-24
[86] 2014-06-19 (PCT/US2014/043127)
[87] (WO2015/195126)

---

[21] **2,946,848**
[13] A1
[51] **Int.Cl. C07K 14/325 (2006.01)**
[25] EN
[54] **MONOCLONAL ANTIBODIES SPECIFIC FOR CRY1CA AND RELATED DETECTION METHODS**
[54] **ANTICORPS MONOCLONAUX CIBLANT SPECIFIQUEMENT CRY1CA ET METHODES DE DETECTION ASSOCIEES**
[72] MA, ERIC HONGZHENG, US
[72] SHAN, GUOMIN, US
[72] GLANCY, TODD P., US
[72] CANADA, SARAH E., US
[71] DOW AGROSCIENCES LLC, US
[85] 2016-10-24
[86] 2015-04-23 (PCT/US2015/027198)
[87] (WO2015/167912)
[30] US (61/985,654) 2014-04-29

---

[21] **2,946,849**
[13] A1
[51] **Int.Cl. H02H 3/16 (2006.01) G01R 31/02 (2006.01)**
[25] EN
[54] **GROUND FAULT DETECTOR**
[54] **DETECTEUR DE DEFAUT DE MASSE**
[72] OSTROVSKY, MICHAEL, US
[72] ARONOV, ALEK, US
[72] KAMOR, MICHAEL, US
[72] MATHEW, RENJITH, US
[71] LEVITON MANUFACTURING CO., INC., US
[85] 2016-10-24
[86] 2015-04-23 (PCT/US2015/027288)
[87] (WO2015/164600)
[30] US (14/262,411) 2014-04-25
[30] US (62/044,710) 2014-09-02
[30] US (14/690,247) 2015-04-17

---

[21] **2,946,851**
[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 47/12 (2012.01) G05B 19/02 (2006.01)**
[25] EN
[54] **PUMPS-OFF ANNULAR PRESSURE WHILE DRILLING SYSTEM**
[54] **SYSTEME DE PRESSION ANNULAIRE DE COUPURES DE POMPE TOUT EN FORANT**
[72] SUN, YONG, US
[72] BO, YU, US
[72] REYES RIBERA, SANDRA, GB
[72] GARCIA-MAYANS, ALDRICK, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-10-24
[86] 2015-05-13 (PCT/US2015/030493)
[87] (WO2015/175613)
[30] US (61/992,604) 2014-05-13
[30] US (62/158,614) 2015-05-08
[30] US (14/710,457) 2015-05-12

[21] **2,946,853**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 50/22 (2012.01) H04M 11/02 (2006.01)**
[25] EN
[54] **HEALTHCARE EVENT RESPONSE AND COMMUNICATION CENTER**
[54] **CENTRE DE REACTION ET DE COMMUNICATION POUR LES EVENEMENTS RELATIFS AUX SOINS DE SANTE**
[72] CHEN, JAMES F., US
[72] QIAN, CHEN, US
[72] TANG, ZILONG, US
[71] DRFIRST.COM, INC., US
[85] 2016-10-24
[86] 2015-04-24 (PCT/US2015/027567)
[87] (WO2015/164776)
[30] US (61/984,008) 2014-04-24
[30] US (14/694,539) 2015-04-23

---

[21] **2,946,854**
[13] A1
[51] **Int.Cl. G21F 9/16 (2006.01)**
[25] EN
[54] **POOL INCLUDING AQUEOUS SOLUTION OF POLYHEDRAL BORON HYDRIDE ANIONS OR CARBORANE ANIONS AND METHODS OF USING THE SAME**
[54] **BASSIN COMPRENANT UNE SOLUTION AQUEUSE D'ANIONS D'HYDRURE DE BORE POLYEDRIQUES OU D'ANIONS DE CARBORANE ET LEURS PROCEDES D'UTILISATION**
[72] COOK, KEVIN S., US
[72] BOSLEY, BETH D., US
[71] CERADYNE, INC., US
[85] 2016-10-24
[86] 2015-04-23 (PCT/US2015/027305)
[87] (WO2015/164610)
[30] US (61/984,538) 2014-04-25

---

[21] **2,946,856**
[13] A1
[51] **Int.Cl. A61F 2/06 (2013.01) A61M 5/00 (2006.01) A61M 37/00 (2006.01)**
[25] EN
[54] **MAGNETICALLY ACTIVATED ARTERIOVENOUS ACCESS VALVE SYSTEM AND RELATED METHODS**
[54] **SYSTEME DE VALVULE D'ACCES ARTERIOVEINEUSE ACTIVEE MAGNETIQUEMENT ET METHODES ASSOCIEES**
[72] JOHNSON, JAMES S., US
[72] PATTERSON, FRANK, US
[72] JACOBS, JORDAN, US
[71] CREATIVASC MEDICAL CORPORATION, US
[85] 2016-10-24
[86] 2015-04-24 (PCT/US2015/027418)
[87] (WO2015/164683)
[30] US (61/984,550) 2014-04-25

---

[21] **2,946,857**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 47/06 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **MULTILATERAL PRODUCTION CONTROL METHODS AND SYSTEMS EMPLOYING A CASING SEGMENT WITH AT LEAST ONE TRANSMISSION CROSSOVER ARRANGEMENT**
[54] **PROCEDES DE COMMANDE DE PRODUCTION MULTILATERAUX ET SYSTEMES UTILISANT UN SEGMENT DE TUBAGE AYANT AU MOINS UN AGENCEMENT DE CROISEMENT DE TRANSMISSION**
[72] BITTAR, MICHAEL S., US
[72] MENEZES, CLIVE D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-24
[86] 2015-04-23 (PCT/US2015/027377)
[87] (WO2015/167935)
[30] US (61/987,452) 2014-05-01

---

[21] **2,946,862**
[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01)**
[25] EN
[54] **USE OF INTERLEUKIN-2 FOR DIAGNOSIS OF CELIAC DISEASE**
[54] **UTILISATION D'INTERLEUKINE 2 POUR LE DIAGNOSTIC DE LA MALADIE COELIAQUE**
[72] ANDERSON, ROBERT P., US
[71] IMMUSANT, INC., US
[85] 2016-10-24
[86] 2015-04-24 (PCT/US2015/027477)
[87] (WO2015/164714)
[30] US (61/983,981) 2014-04-24
[30] US (61/983,989) 2014-04-24
[30] US (61/984,028) 2014-04-24
[30] US (61/983,993) 2014-04-24
[30] US (61/984,043) 2014-04-25
[30] US (62/009,090) 2014-06-06
[30] US (62/009,146) 2014-06-06
[30] US (62/011,566) 2014-06-12
[30] US (62/011,561) 2014-06-12
[30] US (62/011,540) 2014-06-12
[30] US (62/011,493) 2014-06-12
[30] US (62/011,508) 2014-06-12
[30] US (62/011,794) 2014-06-13
[30] US (62/014,681) 2014-06-19
[30] US (62/014,676) 2014-06-19
[30] US (62/014,373) 2014-06-19
[30] US (62/014,401) 2014-06-19
[30] US (62/014,666) 2014-06-19
[30] US (62/043,390) 2014-08-28
[30] US (62/043,395) 2014-08-28
[30] US (62/043,386) 2014-08-28
[30] US (62/057,152) 2014-09-29
[30] US (62/057,163) 2014-09-29
[30] US (62/082,832) 2014-11-21
[30] US (62/116,027) 2015-02-13
[30] US (62/116,052) 2015-02-13
[30] US (62/115,963) 2015-02-13
[30] US (62/116,002) 2015-02-13
[30] US (62/115,897) 2015-02-13
[30] US (62/115,925) 2015-02-13

[21] **2,946,864**
[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01) A61K 39/00 (2006.01) A61P 1/04 (2006.01)**
[25] EN
[54] **METHODS OF DIAGNOSIS AND TREATMENT OF CELIAC DISEASE IN CHILDREN**
[54] **METHODES DE DIAGNOSTIC ET DE TRAITEMENT DE LA MALADIE COELIAQUE CHEZ LES ENFANTS**
[72] ANDERSON, ROBERT P., US
[72] TYE-DIN, JASON A., AU
[71] IMMUSANT, INC., US
[85] 2016-10-24
[86] 2015-04-24 (PCT/US2015/027483)
[87] (WO2015/164717)
[30] US (61/983,989) 2014-04-24
[30] US (61/983,981) 2014-04-24
[30] US (61/983,993) 2014-04-24
[30] US (61/984,028) 2014-04-24
[30] US (61/984,043) 2014-04-25
[30] US (62/009,146) 2014-06-06
[30] US (62/009,090) 2014-06-06
[30] US (62/011,540) 2014-06-12
[30] US (62/011,566) 2014-06-12
[30] US (62/011,561) 2014-06-12
[30] US (62/011,508) 2014-06-12
[30] US (62/011,493) 2014-06-12
[30] US (62/011,794) 2014-06-13
[30] US (62/014,681) 2014-06-19
[30] US (62/014,373) 2014-06-19
[30] US (62/014,676) 2014-06-19
[30] US (62/014,401) 2014-06-19
[30] US (62/014,666) 2014-06-19
[30] US (62/043,395) 2014-08-28
[30] US (62/043,390) 2014-08-28
[30] US (62/043,386) 2014-08-28
[30] US (62/057,163) 2014-09-29
[30] US (62/057,152) 2014-09-29
[30] US (62/082,832) 2014-11-21
[30] US (62/116,052) 2015-02-13
[30] US (62/115,963) 2015-02-13
[30] US (62/116,027) 2015-02-13
[30] US (62/116,002) 2015-02-13
[30] US (62/115,897) 2015-02-13
[30] US (62/115,925) 2015-02-13

[21] **2,946,866**
[13] A1
[51] **Int.Cl. A47J 37/06 (2006.01)**
[25] EN
[54] **TWO-SIDED GRILL AND METHOD**
[54] **GRIL A DEUX COTES ET PROCEDE**
[72] DORSTEN, RON, US
[72] EWALD, HENRY T., US
[72] CALZADA, MANUEL, US
[71] RESTAURANT TECHNOLOGY, INC., US
[85] 2016-10-24
[86] 2015-04-22 (PCT/US2015/027063)
[87] (WO2015/164489)
[30] US (14/262,026) 2014-04-25

[21] **2,946,867**
[13] A1
[51] **Int.Cl. C07H 19/06 (2006.01) A61K 31/7068 (2006.01) A61K 31/7076 (2006.01) A61P 31/12 (2006.01) A61P 31/16 (2006.01) A61P 35/00 (2006.01) C07H 19/16 (2006.01)**
[25] EN
[54] **2'-DISUBSTITUTED NUCLEOSIDE ANALOGS FOR TREATMENT OF THE FLAVIVIRIDAE FAMILY OF VIRUSES AND CANCER**
[54] **ANALOGUES DE NUCLEOSIDES DISUBSTITUES EN 2' POUR LE TRAITEMENT DES VIRUS DE LA FAMILLE DES FLAVIVIRIDAE ET DU CANCER**
[72] COATS, STEVEN J., US
[72] ZHOU, SHAOMAN, US
[72] AMBLARD, FRANCK, US
[72] SCHINAZI, RAYMOND F., US
[72] KHALIL, AHMED, US
[71] COCRYSTAL PHARMA, INC., US
[71] EMORY UNIVERSITY, US
[85] 2016-10-24
[86] 2015-04-24 (PCT/US2015/027630)
[87] (WO2015/164812)
[30] US (61/984,036) 2014-04-24

[21] **2,946,869**
[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **METHODS FOR DIAGNOSING CELIAC DISEASE USING CIRCULATING CYTOKINES/CHEMOKINES**
[54] **PROCEDES DE DIAGNOSTIC DE LA MALADIE COELIAQUE A L'AIDE DE CYTOKINES/CHIMIOKINES CIRCULANTES**
[72] ANDERSON, ROBERT P., US
[71] IMMUSANT, INC., US
[85] 2016-10-24
[86] 2015-04-24 (PCT/US2015/027522)
[87] (WO2015/164747)
[30] US (61/984,028) 2014-04-24
[30] US (61/983,993) 2014-04-24
[30] US (61/983,981) 2014-04-24
[30] US (61/983,989) 2014-04-24
[30] US (61/984,043) 2014-04-25
[30] US (62/009,090) 2014-06-06
[30] US (62/009,146) 2014-06-06
[30] US (62/011,561) 2014-06-12
[30] US (62/011,566) 2014-06-12
[30] US (62/011,508) 2014-06-12
[30] US (62/011,540) 2014-06-12
[30] US (62/011,493) 2014-06-12
[30] US (62/011,794) 2014-06-13
[30] US (62/014,676) 2014-06-19
[30] US (62/014,666) 2014-06-19
[30] US (62/014,401) 2014-06-19
[30] US (62/014,681) 2014-06-19
[30] US (62/014,373) 2014-06-19
[30] US (62/043,390) 2014-08-28
[30] US (62/043,395) 2014-08-28
[30] US (60/043,386) 2014-08-28
[30] US (62/057,163) 2014-09-29
[30] US (62/057,152) 2014-09-29
[30] US (62/082,832) 2014-11-21
[30] US (62/115,963) 2015-02-13
[30] US (62/115925) 2015-02-13
[30] US (62/116027) 2015-02-13
[30] US (62/116002) 2015-02-13
[30] US (62/115897) 2015-02-13
[30] US (62/116052) 2015-02-13

[21] **2,946,870**
[13] A1
[51] **Int.Cl. A47K 7/04 (2006.01) A46B 13/00 (2006.01)**
[25] EN
[54] **POWERED SKIN CARE DEVICE**
[54] **DISPOSITIF DE SOIN DE LA PEAU MOTORISE**
[72] PARDO, JANET, US
[72] CECERE, LOIS ANN, US
[72] OWEN, THOMAS EDWARD, US
[72] WONG, JENNY, US
[72] WOO-KIM, CHONG WON JESSICA, US
[72] LAPOSTA, RICHARD, US
[72] BELKNAP, JENNY WARNER, US
[72] FISCHER, HERBERT, CH
[71] ELC MANAGEMENT LLC, US
[85] 2016-10-24
[86] 2015-04-28 (PCT/US2015/027922)
[87] (WO2015/168076)
[30] US (14/264,853) 2014-04-29

---

[21] **2,946,872**
[13] A1
[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INCREASED OPERATING ROOM EFFICIENCY**
[54] **SYSTEMES ET PROCEDES POUR UNE MEILLEURE EFFICACITE DANS UNE SALLE D'OPERATION**
[72] GOREK, JOSEF E., US
[72] TRAUNER, KENNETH B., US
[72] RIMER, DOUGLAS G., US
[71] SHARP FLUIDICS LLC, US
[85] 2016-10-24
[86] 2015-04-24 (PCT/US2015/027659)
[87] (WO2015/164830)
[30] US (61/984,543) 2014-04-25
[30] US (61/984,576) 2014-04-25
[30] US (62/105,540) 2015-01-20
[30] US (62/128,856) 2015-03-05

---

[21] **2,946,874**
[13] A1
[51] **Int.Cl. A47K 7/04 (2006.01) A47K 7/03 (2006.01)**
[25] EN
[54] **POWERED SKIN CARE DEVICE**
[54] **DISPOSITIF ELECTRIQUE DE SOINS CUTANES**
[72] PARDO, JANET, US
[72] CECERE, LOIS ANN, US
[72] OWEN, THOMAS EDWARD, US
[72] WONG, JENNY, US
[72] WOO-KIM, CHONG WON JESSICA, US
[72] LAPOSTA, RICHARD, US
[72] BELKNAP, JENNY WARNER, US
[72] FISCHER, HERBERT, CH
[71] ELC MANAGEMENT LLC, US
[85] 2016-10-24
[86] 2015-04-28 (PCT/US2015/027933)
[87] (WO2015/168082)
[30] US (14/264,899) 2014-04-29

---

[21] **2,946,875**
[13] A1
[51] **Int.Cl. B67D 1/12 (2006.01) B67D 3/00 (2006.01)**
[25] EN
[54] **A DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION**
[72] GREEN, BRAD C., US
[71] THE COCA-COLA COMPANY, US
[85] 2016-10-24
[86] 2015-04-29 (PCT/US2015/028301)
[87] (WO2015/168290)
[30] US (61/986,405) 2014-04-30

---

[21] **2,946,877**
[13] A1
[51] **Int.Cl. G01N 15/05 (2006.01) B81B 1/00 (2006.01) G01N 1/00 (2006.01) G01N 21/63 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR POINT-OF-CARE COAGULATION ASSAYS BY OPTICAL DETECTION**
[54] **PROCEDES ET SYSTEMES DE TESTS DE COAGULATION DE LIEU DE SOINS PAR DETECTION OPTIQUE**
[72] KERIMO, JOSEF, US
[72] ZENG, HANSONG, US
[72] SCHARLACK, RON, US
[72] BLANKENSTEIN, GERT, US
[71] INSTRUMENTATION LABORATORY COMPANY, US
[85] 2016-10-24
[86] 2015-04-27 (PCT/US2015/027715)
[87] (WO2015/167983)
[30] US (61/986,475) 2014-04-30

---

[21] **2,946,878**
[13] A1
[51] **Int.Cl. A47K 7/04 (2006.01)**
[25] EN
[54] **POWERED SKIN CARE DEVICE**
[54] **DISPOSITIF ELECTRIQUE DE SOINS DE LA PEAU**
[72] OWEN, THOMAS EDWARD, US
[72] WONG, JENNY, US
[72] WOO-KIM, CHONG WON JESSICA, US
[72] LAPOSTA, RICHARD, US
[72] FISCHER, HERBERT, CH
[71] ELC MANAGEMENT LLC, US
[85] 2016-10-24
[86] 2015-04-28 (PCT/US2015/027967)
[87] (WO2015/168107)
[30] US (14/264,930) 2014-04-29

[21] **2,946,884**
[13] A1
[51] **Int.Cl. C01F 11/18 (2006.01) C01F 3/00 (2006.01) C01F 5/24 (2006.01) C01F 7/00 (2006.01) C01F 13/00 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCING ALKALINE EARTH CARBONATES**
[54] **PROCEDES DE PRODUCTION DE CARBONATES ALCALINO-TERREUX**
[72] WYRSTA, MICHAEL, US
[72] KOMON, ZACHARY J.A., US
[71] LIXIVIA, INC., US
[85] 2016-10-24
[86] 2015-04-28 (PCT/US2015/028058)
[87] (WO2015/168159)
[30] US (61/985,036) 2014-04-28

---

[21] **2,946,886**
[13] A1
[51] **Int.Cl. B65D 73/00 (2006.01)**
[25] EN
[54] **ALL-IN-ONE GIFT PACKAGING SYSTEM**
[54] **SYSTEME D'EMBALLAGE DE CADEAU TOUT-EN-UN**
[72] LOPEZ, BOBBIE, US
[72] CRUICKSHANK, JAMES, US
[72] CRUICKSHANK, JACK, US
[71] LOPEZ, BOBBIE, US
[71] CRUICKSHANK, JAMES, US
[71] CRUICKSHANK, JACK, US
[85] 2016-10-24
[86] 2015-04-27 (PCT/US2015/027778)
[87] (WO2015/168012)
[30] US (61/986,788) 2014-04-30
[30] US (14/693,527) 2015-04-22

---

[21] **2,946,887**
[13] A1
[51] **Int.Cl. C07K 7/08 (2006.01) C12N 5/07 (2010.01) A61K 38/08 (2006.01) A61P 1/04 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING GLUTEN PEPTIDES AND USES THEREOF**
[54] **COMPOSITIONS COMPRENANT DES PEPTIDES DE GLUTEN ET LEURS UTILISATIONS**
[72] ANDERSON, ROBERT P., US
[71] IMMUSANT, INC., US
[85] 2016-10-24
[86] 2015-04-24 (PCT/US2015/027530)
[87] (WO2015/164752)
[30] US (61/983,989) 2014-04-24
[30] US (61/983,981) 2014-04-24
[30] US (61/983,993) 2014-04-24
[30] US (61/984,028) 2014-04-24
[30] US (61/984,043) 2014-04-25
[30] US (62/009,090) 2014-06-06
[30] US (62/009,146) 2014-06-06
[30] US (62/011,561) 2014-06-12
[30] US (62/011,508) 2014-06-12
[30] US (62/011,493) 2014-06-12
[30] US (62/011,540) 2014-06-12
[30] US (62/011,566) 2014-06-12
[30] US (62/011,794) 2014-06-13
[30] US (62/014,373) 2014-06-19
[30] US (62/014,401) 2014-06-19
[30] US (62/014,681) 2014-06-19
[30] US (62/014,666) 2014-06-19
[30] US (62/014,676) 2014-06-19
[30] US (62/043,395) 2014-08-28
[30] US (62/043,386) 2014-08-28
[30] US (62/043,390) 2014-08-28
[30] US (62/057,152) 2014-09-29
[30] US (62/057,163) 2014-09-29
[30] US (62/082,832) 2014-11-21
[30] US (62/116,052) 2015-02-13
[30] US (62/116,027) 2015-02-13
[30] US (62/116,002) 2015-02-13
[30] US (62/115,925) 2015-02-13
[30] US (62/115,897) 2015-02-13
[30] US (62/115,963) 2015-02-13

---

[21] **2,946,888**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **SRM/MRM ASSAY FOR THE TYROSINE-PROTEIN KINASE RECEPTOR UFO (AXL) PROTEIN**
[54] **DOSAGE SRM/MRM DE LA PROTEINE (AXL) UFO DU RECEPTEUR DE LA PROTEINE TYROSINE KINASE**
[72] KRIZMAN, DAVID B., US
[72] HEMBROUGH, TODD, US
[72] BLACKLER, ADELE, US
[72] LIAO, WEI-LI, US
[71] EXPRESSION PATHOLOGY, INC., US
[85] 2016-10-24
[86] 2015-04-30 (PCT/US2015/028667)
[87] (WO2015/168484)
[30] US (61/986,688) 2014-04-30

---

[21] **2,946,891**
[13] A1
[51] **Int.Cl. G05B 13/02 (2006.01) G05B 23/02 (2006.01)**
[25] EN
[54] **CONTROLLING A BUILDING SYSTEM BASED ON REAL TIME EVENTS**
[54] **CONTROLE D'UN SYSTEME DE BATIMENT SUR LA BASE D'EVENEMENTS EN TEMPS REEL**
[72] WARREN, JEREMY B., US
[72] BUNKER, BRANDON, US
[72] LYMAN, JEFFERSON, US
[72] HWANG, JUNGTAIK, US
[71] VIVINT, INC., US
[85] 2016-10-24
[86] 2015-05-07 (PCT/US2015/029670)
[87] (WO2015/171882)
[30] US (14/272,086) 2014-05-07
[30] US (14/291,789) 2014-05-30

[21] **2,946,892**
[13] A1
[51] **Int.Cl. A61B 5/05 (2006.01)**
[25] EN
[54] **MICROWAVE STETHOSCOPE FOR MEASURING CARDIO-PULMONARY VITAL SIGNS AND LUNG WATER CONTENT**
[54] **STETHOSCOPE A MICRO-ONDES PERMETTANT DE MESURER LES SIGNES VITAUX CARDIO-PULMONAIRES ET LA TENEUR EN EAU DES POUMONS**
[72] ISKANDER, MAGDY F., US
[72] CELIK, NURI, US
[72] GAGARIN, RUTHSENNE, US
[72] HUANG, GUI CHAO, US
[72] BIBB, DARCY ALAN, US
[71] UNIVERSITY OF HAWAII, US
[85] 2016-10-24
[86] 2015-04-24 (PCT/US2015/027628)
[87] (WO2015/164810)
[30] US (14/261,884) 2014-04-25

---

[21] **2,946,893**
[13] A1
[51] **Int.Cl. B05C 17/02 (2006.01)**
[25] EN
[54] **PAINT ROLLER SKIN CLEANER**
[54] **DISPOSITIF DE NETTOYAGE DE SURFACE EXTERNE DE MANCHON DE ROULEAU A PEINDRE**
[72] EGAN, PATRICK L., US
[71] PAMRICK ENTERPRISES, LLC, US
[85] 2016-10-24
[86] 2015-05-08 (PCT/US2015/029862)
[87] (WO2015/172005)
[30] US (14/272,887) 2014-05-08

---

[21] **2,946,894**
[13] A1
[51] **Int.Cl. F16L 15/00 (2006.01) E21B 17/04 (2006.01)**
[25] EN
[54] **THREADED CONNECTIONS WITH AN ADJUSTABLE SECONDARY SHOULDER**
[54] **RACCORDS FILETES A EPAULEMENT SECONDAIRE REGLABLE**
[72] MARCHAND, NICHOLAS RYAN, CA
[71] NATIONAL OILWELL VARCO, L.P., US
[85] 2016-10-24
[86] 2015-05-01 (PCT/US2015/028794)
[87] (WO2015/168552)
[30] US (14/268,616) 2014-05-02

---

[21] **2,946,895**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **SRM/MRM ASSAY FOR THE ANDROGEN RECEPTOR (AR) PROTEIN**
[54] **DOSAGE SRM/MRM POUR LA PROTEINE DU RECEPTEUR DE L'INSULINE**
[72] KRIZMAN, DAVID B., US
[72] HEMBROUGH, TODD, US
[72] THYPARAMBIL, SHEENO, US
[72] AN, EUNKYUNG, US
[71] EXPRESSION PATHOLOGY, INC., US
[85] 2016-10-24
[86] 2015-04-30 (PCT/US2015/028666)
[87] (WO2015/168483)
[30] US (61/986,713) 2014-04-30

---

[21] **2,946,896**
[13] A1
[51] **Int.Cl. H04L 12/20 (2006.01) H04L 12/701 (2013.01) H04L 12/747 (2013.01) H04L 12/801 (2013.01) H04L 12/861 (2013.01) H04L 12/875 (2013.01) G06F 13/00 (2006.01) G06F 15/163 (2006.01) G06F 15/17 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR LOW LATENCY SWITCHING**
[54] **APPAREIL ET PROCEDE DE COMMUTATION A FAIBLE LATENCE**
[72] SNOWDON, DAVID, AU
[72] THOMAS, CHARLES, AU
[72] MCDAID, SCOTT, AU
[72] POWLES, LINDSAY, AU
[71] METAMAKO TECHNOLOGY LP, AU
[85] 2016-10-25
[86] 2014-12-03 (PCT/AU2014/050391)
[87] (WO2016/023062)
[30] AU (2014903158) 2014-08-13
[30] AU (2014904247) 2014-10-23

---

[21] **2,946,898**
[13] A1
[51] **Int.Cl. A61N 5/00 (2006.01)**
[25] EN
[54] **BIOCERAMIC COMPOSITIONS AND BIOMODULATORY USES THEREOF**
[54] **COMPOSITIONS BIOCERAMIQUES ET LEURS UTILISATIONS A DES FINS BIOMODULATRICES**
[72] VISSMAN, SHANNON, US
[72] CIDRAL FILHO, FRANCISCO JOSE, US
[72] DE PAULA MOREIRA, FRANCISCO, BR
[72] MIDTTUN, STEVEN, US
[71] MULTIPLE ENERGY TECHNOLOGIES LLC, US
[85] 2016-10-24
[86] 2015-05-01 (PCT/US2015/028910)
[87] (WO2015/171467)
[30] US (61/988,837) 2014-05-05
[30] US (62/018,085) 2014-06-27
[30] US (62/062,686) 2014-10-10
[30] US (62/064,939) 2014-10-16
[30] US (62/115,567) 2015-02-12

---

[21] **2,946,902**
[13] A1
[51] **Int.Cl. A63B 71/06 (2006.01) H04W 84/18 (2009.01) A41D 13/012 (2006.01) A63B 69/00 (2006.01) A63B 69/12 (2006.01) G06F 1/16 (2006.01) G06F 15/00 (2006.01)**
[25] EN
[54] **WIRELESS METRIC CALCULATING AND FEEDBACK APPARATUS, SYSTEM, AND METHOD**
[54] **APPAREIL, SYSTEME ET PROCEDE DE RETROACTION ET DE CALCUL DE METRIQUE SANS FIL**
[72] LEHARY, TRISTAN VINCENT HULBERT, CA
[71] TRITONWEAR INC., CA
[85] 2016-10-25
[86] 2015-04-29 (PCT/CA2015/000275)
[87] (WO2015/164944)
[30] US (61/985,681) 2014-04-29

[21] **2,946,904**
[13] A1
[51] **Int.Cl. G01V 3/08 (2006.01) G01V 3/12 (2006.01) G01V 3/15 (2006.01) G01V 3/16 (2006.01) G01V 3/165 (2006.01) G01V 3/17 (2006.01) H03F 3/189 (2006.01) H03K 7/08 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **HIGH FREQUENCY MODULATED TRANSMITTER ARRANGEMENT**
[54] **AGENCEMENT D'EMETTEUR MODULE HAUTE FREQUENCE**
[72] CARPENTER, ANDREW JAMES, AU
[72] RANKIN, BRETT GARDINER, AU
[72] KALAN, BRUCE, AU
[72] LOVATT, HOWARD, AU
[72] LESLIE, KEITH, AU
[71] OUTER-RIM DEVELOPMENTS PTY LTD, AU
[85] 2016-10-24
[86] 2015-03-24 (PCT/AU2015/000169)
[87] (WO2015/143480)
[30] AU (2014901049) 2014-03-24

---

[21] **2,946,906**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01)**
[25] EN
[54] **METHODS OF USING ANTI-ANG2 ANTIBODIES**
[54] **METHODES D'UTILISATION D'ANTICORPS ANTI-ANG2**
[72] LAI, DOMINIC, US
[72] SIKORSKI, ROBERT, US
[72] HYMAN, DAVID, US
[72] RIZVI, NAIYER A., US
[71] MEDIMMUNE, LLC, US
[85] 2016-10-24
[86] 2015-05-06 (PCT/US2015/029447)
[87] (WO2015/171747)
[30] US (61/989,884) 2014-05-07
[30] US (62/005,525) 2014-05-30

---

[21] **2,946,907**
[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01) H04N 21/40 (2011.01) H04N 21/472 (2011.01) H04N 21/478 (2011.01) G06F 3/0481 (2013.01) G06F 17/27 (2006.01)**
[25] EN
[54] **TEXT ENTRY USING ROLLOVER CHARACTER ROW**
[54] **SAISIE DE TEXTE A L'AIDE D'UNE LIGNE DE CARACTERES A REBOND**
[72] ROGERS, DYLAN, CA
[71] ESPIAL GROUP INC., CA
[85] 2016-10-25
[86] 2014-04-25 (PCT/CA2014/050396)
[87] (WO2015/161354)

---

[21] **2,946,909**
[13] A1
[51] **Int.Cl. H04L 12/753 (2013.01) H04L 12/951 (2013.01) H04L 9/00 (2006.01) H04L 12/12 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **USING PROXY DEVICES AS DYNAMIC DATA RELAYS**
[54] **UTILISATION DE DISPOSITIFS MANDATAIRES EN TANT QUE RELAIS DE DONNEES DYNAMIQUES**
[72] ROBINSON, ROBERT, CA
[72] SCHMIDTKE, JAKUB, CA
[71] WILMERDING COMMUNICATIONS LLC, US
[85] 2016-10-25
[86] 2015-04-24 (PCT/CA2015/050342)
[87] (WO2015/161384)
[30] US (14/261,795) 2014-04-25

---

[21] **2,946,910**
[13] A1
[51] **Int.Cl. G06F 3/16 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **HOME AUTOMATION VIA VOICE CONTROL**
[54] **AUTOMATISATION DE DOMICILE PAR L'INTERMEDIAIRE D'UNE COMMANDE VOCALE**
[72] WARREN, JEREMY B., US
[71] VIVINT, INC., US
[85] 2016-10-24
[86] 2015-05-07 (PCT/US2015/029663)
[87] (WO2015/171878)
[30] US (14/272,181) 2014-05-07

---

[21] **2,946,912**
[13] A1
[51] **Int.Cl. E05D 11/00 (2006.01)**
[25] EN
[54] **FREEZER AND HINGE FOR SAME**
[54] **CONGELATEUR ET CHARNIERE DESTINEE A CELUI-CI**
[72] LIU, CHAO, CN
[72] PU, XIANGHAI, CN
[72] WU, AN, CN
[71] HEFEI HUALING CO., LTD., CN
[71] HEFEI MIDEA REFRIGERATOR CO., LTD., CN
[85] 2016-10-25
[86] 2014-06-03 (PCT/CN2014/079107)
[87] (WO2015/161543)
[30] CN (201410174215.5) 2014-04-25
[30] CN (201420211756.6) 2014-04-25

---

[21] **2,946,914**
[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **SECURE DATA INTERACTION METHOD AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME D'INTERACTION SECURISEE DE DONNEES**
[72] LI, DONGSHENG, CN
[71] TENDYRON CORPORATION, CN
[85] 2016-10-25
[86] 2015-01-26 (PCT/CN2015/071584)
[87] (WO2015/161694)
[30] CN (201410172003.3) 2014-04-25
[30] CN (201410171448.X) 2014-04-25

---

[21] **2,946,918**
[13] A1
[51] **Int.Cl. F27D 11/10 (2006.01) F16J 15/22 (2006.01) F16J 15/56 (2006.01)**
[25] EN
[54] **SLEEVE SEAL FOR ELECTRIC FURNACE ELECTRODES**
[54] **JOINT DE MANCHON POUR ELECTRODES DE FOUR ELECTRIQUE**
[72] HALEY, STEPHEN D., CA
[71] HATCH LTD., CA
[85] 2016-10-25
[86] 2015-04-27 (PCT/CA2015/050345)
[87] (WO2015/164959)
[30] US (61/985,026) 2014-04-28

[21] **2,946,921**
[13] A1
[51] **Int.Cl. G08B 17/107 (2006.01) G01N 21/03 (2006.01) G01N 30/74 (2006.01)**
[25] EN
[54] **ASSEMBLY FOR ATTENUATING IMPINGING LIGHT OF A BEAM OF RADIATION**
[54] **SYSTEME D'ATTENUATION DE LA LUMIERE INCIDENTE D'UN FAISCEAU DE RAYONS**
[72] SIEMENS, ANDREAS, DE
[71] AMRONA AG, CH
[85] 2016-10-25
[86] 2015-03-25 (PCT/EP2015/056361)
[87] (WO2016/000837)
[30] EP (14175734.4) 2014-07-04

---

[21] **2,946,927**
[13] A1
[51] **Int.Cl. C01B 3/22 (2006.01)**
[25] EN
[54] **HYDROGENATION OF OXYGENATED MOLECULES FROM BIOMASS REFINING**
[54] **HYDROGENATION DE MOLECULES OXYGENEES ISSUES DU RAFFINAGE DE BIOMASSE**
[72] JANSEN, ROBERT, US
[72] LAPIDOT, NOA, IL
[72] LAWSON, JAMES ALAN, US
[72] ZVIELY, MICHAEL, IL
[72] MATIS, NETA, IL
[72] MADSEN, LEE, US
[72] HALLAC, BASSEM, IL
[71] VIRDIA, INC., US
[85] 2016-10-24
[86] 2015-05-12 (PCT/US2015/030431)
[87] (WO2015/175571)
[30] US (61/992,131) 2014-05-12

---

[21] **2,946,930**
[13] A1
[51] **Int.Cl. H05H 1/28 (2006.01) F23G 5/08 (2006.01) H05H 1/32 (2006.01)**
[25] FR
[54] **ARRANGEMENT FOR THE OUTLET NOZZLE OF A SUBMERGED PLASMA TORCH DEDICATED TO WASTE TREATMENT**
[54] **AMENAGEMENT DE LA TUYERE DE SORTIE D'UNE TORCHE A PLASMA IMMERGE DEDIEE AU TRAITEMENT DE DECHETS**
[72] BARONNET, JEAN-MARIE, FR
[72] LEMONT, FLORENT, FR
[72] MABROUK, MAJDI, FR
[72] MARCHAND, MICKAEL, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2016-10-25
[86] 2015-04-28 (PCT/EP2015/059226)
[87] (WO2015/165911)
[30] FR (1453977) 2014-04-30

---

[21] **2,946,939**
[13] A1
[51] **Int.Cl. H01M 8/06 (2016.01) H01M 8/04 (2016.01) H01M 8/12 (2016.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PRODUCING CARBON DIOXIDE, PURIFIED HYDROGEN AND ELECTRICITY FROM A REFORMED PROCESS GAS FEED**
[54] **PROCEDE ET SYSTEME DE PRODUCTION DE DIOXYDE DE CARBONE, D'HYDROGENE PURIFIE ET D'ELECTRICITE A PARTIR D'UN PROCEDE D'ALIMENTATION EN GAZ DE TRAITEMENT REFORME**
[72] DIETHELM, STEFAN, CH
[72] RAVAGNI, ALBERTO, CH
[72] BUCHELI, OLIVIER, CH
[71] EZ-ENERGIES GMBH, DE
[85] 2016-10-25
[86] 2015-02-19 (PCT/EP2015/053553)
[87] (WO2015/124700)
[30] EP (PCT/EP2014/053263) 2014-02-19

---

[21] **2,946,955**
[13] A1
[51] **Int.Cl. G01R 31/333 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR TESTING A TAP CHANGER OF A TRANSFORMER**
[54] **PROCEDE ET DISPOSITIF DE CONTROLE D'UN COMMUTATEUR A GRADINS D'UN TRANSFORMATEUR**
[72] RADLER, MICHAEL, AT
[72] UNTERER, BORIS, AT
[71] OMICRON ELECTRONICS GMBH, AT
[85] 2016-10-25
[86] 2015-06-29 (PCT/EP2015/064712)
[87] (WO2016/001149)
[30] AT (A 50459/2014) 2014-07-02

---

[21] **2,946,960**
[13] A1
[51] **Int.Cl. G02B 5/08 (2006.01) G02B 5/20 (2006.01)**
[25] FR
[54] **COLOURED MIRROR**
[54] **MIROIR COLORE**
[72] BON SAINT COME, YEMINA, FR
[72] MEUNIER, ELODIE, FR
[72] GEORGES, BENOIT, AE
[72] MOREAU, VIRGINIE, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2016-10-25
[86] 2015-05-21 (PCT/FR2015/051338)
[87] (WO2015/177474)
[30] FR (1454574) 2014-05-21

---

[21] **2,946,965**
[13] A1
[51] **Int.Cl. H04B 1/10 (2006.01)**
[25] EN
[54] **PASSIVE INTERMODULATION DETECTION**
[54] **DETECTION D'INTERMODULATION PASSIVE**
[72] WYVILLE, MARK WILLIAM, CA
[71] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2016-10-25
[86] 2014-05-01 (PCT/IB2014/061141)
[87] (WO2015/166308)

[21] **2,946,969**
[13] A1
[51] **Int.Cl. A61M 37/00 (2006.01) A61M 39/02 (2006.01)**
[25] EN
[54] **IMPLANTABLE MEDICAL DEVICES**
[54] **DISPOSITIFS MEDICAUX IMPLANTABLES**
[72] ROTEM, AVI, IL
[72] BARKAI, URIEL, IL
[72] ZIMERMAN, BARUCH, IL
[72] GENDLER, ZOHAR, IL
[71] BETA-O2 TECHNOLOGIES LTD., IL
[85] 2016-10-25
[86] 2015-03-24 (PCT/IB2015/001093)
[87] (WO2015/145264)
[30] US (14/227,258) 2014-03-27

---

[21] **2,946,971**
[13] A1
[51] **Int.Cl. F16L 53/00 (2006.01) B60D 1/64 (2006.01) B61G 5/08 (2006.01) B61G 7/00 (2006.01)**
[25] EN
[54] **DEVICE TO HEAT FLEXIBLE HOSE CONNECTORS FOR TRANSPORT VEHICLES**
[54] **DISPOSITIF POUR CHAUFFER DES RACCORDS DE TUYAU SOUPLE POUR DES VEHICULES DE TRANSPORT**
[72] ACKERMAN, WAYNE, CA
[72] KHAN, ANAB, CA
[71] BANI-ASAF INC., CA
[85] 2016-10-25
[86] 2015-04-15 (PCT/IB2015/052761)
[87] (WO2015/162524)
[30] US (14/262,401) 2014-04-25

---

[21] **2,946,974**
[13] A1
[51] **Int.Cl. G21C 7/30 (2006.01) G21C 1/22 (2006.01) G21C 5/00 (2006.01) G21C 19/20 (2006.01) G21C 15/28 (2006.01)**
[25] EN
[54] **MOVEMENT OF FUEL TUBES WITHIN AN ARRAY**
[54] **MOUVEMENT DE TUBES DE COMBUSTIBLE A L'INTERIEUR D'UN RESEAU**
[72] SCOTT, IAN RICHARD, GB
[71] SCOTT, IAN RICHARD, GB
[85] 2016-10-25
[86] 2015-02-19 (PCT/GB2015/050484)
[87] (WO2015/166203)
[30] GB (1407507.1) 2014-04-29
[30] GB (1410659.5) 2014-06-15
[30] GB (1412529.8) 2014-07-15
[30] GB (1418030.1) 2014-10-12

---

[21] **2,946,983**
[13] A1
[51] **Int.Cl. F02F 7/00 (2006.01) F01P 5/06 (2006.01) F02F 1/04 (2006.01)**
[25] EN
[54] **ENGINE**
[54] **MOTEUR**
[72] NISHI, KENGO, JP
[72] JINNOHARA, NOBUO, JP
[72] TSUDA, SHINYA, JP
[71] YAMAHA MOTOR POWER PRODUCTS KABUSHIKI KAISHA, JP
[85] 2016-10-25
[86] 2015-04-24 (PCT/JP2015/062619)
[87] (WO2015/163476)
[30] JP (2014-091966) 2014-04-25

---

[21] **2,946,986**
[13] A1
[51] **Int.Cl. F21V 17/00 (2006.01) F21S 8/00 (2006.01) F21V 17/16 (2006.01)**
[25] EN
[54] **IN-GROUND LIGHT FIXTURE SYSTEM WITH IMPROVED INSTALLATION CLOSURE MECHANISM AND DRAINAGE**
[54] **SYSTEME D'APPAREIL D'ECLAIRAGE DANS LE SOL AVEC MECANISME DE FERMETURE D'INSTALLATION ET DRAINAGE AMELIORES**
[72] CAVALIERE, DAVID, CA
[72] HAMEL, YVAN, CA
[72] PELLAN, JEAN-PHILIPPE, CA
[71] LUMENPULSE LIGHTING INC., CA
[85] 2016-10-25
[86] 2015-05-27 (PCT/IB2015/001631)
[87] (WO2015/181643)
[30] US (62/003,463) 2014-05-27

---

[21] **2,946,987**
[13] A1
[51] **Int.Cl. A01H 5/00 (2006.01) C12N 15/82 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **HAPLOID MAIZE TRANSFORMATION**
[54] **TRANSFORMATION DE MAIS HAPLOIDE**
[72] PETOLINO, JOSEPH F., US
[72] STRANGE, TONYA L., US
[72] SAMUEL, JAYAKUMAR PON, US
[72] BLUE, RYAN C., US
[72] SIMPSON, MATTHEW A., US
[71] DOW AGROSCIENCES LCC, US
[85] 2016-10-25
[86] 2015-04-24 (PCT/US2015/027484)
[87] (WO2015/167956)
[30] US (61/985,042) 2014-04-28

[21] **2,946,988**
[13] A1
[51] **Int.Cl. G09C 1/02 (2006.01) G09C 1/00 (2006.01)**
[25] EN
[54] **SERVER SYSTEM, COMMUNICATION SYSTEM, COMMUNICATION TERMINAL DEVICE, PROGRAM, RECORDING MEDIUM, AND COMMUNICATION METHOD**
[54] **SYSTEME SERVEUR, SYSTEME DE COMMUNICATION, DISPOSITIF TERMINAL DE COMMUNICATION, PROGRAMME, SUPPORT D'ENREGISTREMENT ET PROCEDE DE COMMUNICATION**
[72] FUJII, HARUHIKO, JP
[72] MATSUDA, SHUICHI, JP
[71] BANKGUARD, INC., JP
[85] 2016-10-25
[86] 2015-04-27 (PCT/JP2015/062704)
[87] (WO2015/166913)
[30] JP (2014-104705) 2014-05-01
[30] JP (2014-135075) 2014-06-12
[30] JP (2014-177578) 2014-09-01

---

[21] **2,946,991**
[13] A1
[51] **Int.Cl. A61B 17/16 (2006.01) B23B 47/02 (2006.01) B25B 23/14 (2006.01)**
[25] EN
[54] **ELECTRICALLY CONTROLLABLE ROTARY PRESSURE DEVICE AND METHOD FOR CONTROLLING THE SAME**
[54] **DISPOSITIF DE PRESSAGE ROTATIF CAPABLE DE COMMANDE ELECTRIQUE ET SON PROCEDE DE COMMANDE**
[72] YOON, SANG JIN, KR
[71] RIMSCIENCE CO., LTD., KR
[85] 2016-10-25
[86] 2014-04-25 (PCT/KR2014/003688)
[87] (WO2014/175705)
[30] KR (10-2013-0046015) 2013-04-25
[30] KR (10-2014-0013819) 2014-02-06

---

[21] **2,946,994**
[13] A1
[51] **Int.Cl. B23K 35/26 (2006.01) C22C 13/00 (2006.01) C22C 13/02 (2006.01) B23K 1/00 (2006.01)**
[25] EN
[54] **LEAD-FREE SOLDER ALLOY**
[54] **ALLIAGE DE SOUDURE SANS PLOMB**
[72] NISHIMURA, TETSURO, JP
[72] NISHIMURA, TAKATOSHI, JP
[71] NIHON SUPERIOR CO., LTD., JP
[85] 2016-10-25
[86] 2015-04-28 (PCT/JP2015/062818)
[87] (WO2015/166945)
[30] JP (2014-094277) 2014-04-30
[30] JP (2015-004403) 2015-01-13

---

[21] **2,946,995**
[13] A1
[51] **Int.Cl. E21B 43/04 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **VALVE FOR GRAVEL PACKING A WELLBORE**
[54] **SOUPAPE POUR FILTRE A GRAVIERS D'UN PUITS DE FORAGE**
[72] LANGLAIS, MICHAEL, US
[72] STAMM, BRYAN, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-10-25
[86] 2015-04-28 (PCT/US2015/027997)
[87] (WO2015/168126)
[30] US (61/985,289) 2014-04-28
[30] US (61/991,160) 2014-05-09

---

[21] **2,946,996**
[13] A1
[51] **Int.Cl. G10K 11/16 (2006.01) B41J 29/08 (2006.01) G03G 15/00 (2006.01) G03G 21/00 (2006.01)**
[25] EN
[54] **SOUND ABSORBING DEVICE, ELECTRONIC DEVICE, AND IMAGE FORMING APPARATUS**
[54] **DISPOSITIF D'ABSORPTION ACOUSTIQUE, DISPOSITIF ELECTRONIQUE ET APPAREIL DE FORMATION D'IMAGE**
[72] ISHIDA, MASAHIRO, JP
[72] MATSUDA, NAOKI, JP
[71] RICOH COMPANY, LIMITED, JP
[85] 2016-10-25
[86] 2015-04-28 (PCT/JP2015/063401)
[87] (WO2015/167017)
[30] JP (2014-092789) 2014-04-28
[30] JP (2014-155065) 2014-07-30
[30] JP (2015-080100) 2015-04-09

---

[21] **2,946,997**
[13] A1
[51] **Int.Cl. F16B 12/10 (2006.01) A47B 47/00 (2006.01) A47B 61/00 (2006.01)**
[25] EN
[54] **MECHANICAL LOCKING SYSTEM FOR BUILDING PANELS**
[54] **SYSTEME DE VERROUILLAGE MECANIQUE POUR PANNEAUX DE CONSTRUCTION**
[72] PERVAN, DARKO, SE
[71] VALINGE INNOVATION AB, SE
[85] 2016-10-25
[86] 2015-05-08 (PCT/SE2015/050518)
[87] (WO2015/171068)
[30] SE (1400231-5) 2014-05-09

---

[21] **2,946,998**
[13] A1
[51] **Int.Cl. F03G 5/00 (2006.01) F16H 37/02 (2006.01) H02K 7/00 (2006.01)**
[25] EN
[54] **SELF-POWER GENERATING APPARATUS**
[54] **APPAREIL DE PRODUCTION D'ENERGIE AUTONOME**
[72] SON, DAE-UP, KR
[71] NASCHEM CO., LTD., KR
[85] 2016-10-25
[86] 2015-04-23 (PCT/KR2015/004039)
[87] (WO2015/163700)
[30] KR (10-2014-0049967) 2014-04-25

[21] **2,947,000**
[13] A1
[51] **Int.Cl. G01N 33/49 (2006.01) G01N 27/06 (2006.01) G01R 27/00 (2006.01)**
[25] EN
[54] **HEMOLYSIS DETECTION METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE DETECTION D'HEMOLYSE**
[72] CAFFERTY, MICHAEL, US
[71] NOVA BIOMEDICAL CORPORATION, US
[85] 2016-10-25
[86] 2014-05-23 (PCT/US2014/039261)
[87] (WO2015/178924)

[21] **2,947,003**
[13] A1
[51] **Int.Cl. H01M 4/525 (2010.01) H01M 4/505 (2010.01) H01M 4/36 (2006.01)**
[25] EN
[54] **POSITIVE ELECTRODE ACTIVE SUBSTANCE PARTICLES FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERIES AND PROCESS FOR PRODUCING THE SAME, AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY**
[54] **POUDRE DE PARTICULES DE SUBSTANCE ACTIVE D'ELECTRODE POSITIVE POUR BATTERIE SECONDAIRE A ELECTROLYTE NON AQUEUX, SON PROCEDE DE PRODUCTION, ET BATTERIE SECONDAIRE A ELECTROLYTE NON AQUEUX**
[72] YAMAMURA, TAKAYUKI, JP
[72] KASHIMA, TETSUYA, JP
[72] MASAKI, RYUTA, JP
[72] KOGA, KAZUMICHI, JP
[71] TODA KOGYO CORP., JP
[85] 2016-10-25
[86] 2015-06-25 (PCT/JP2015/068298)
[87] (WO2015/199168)
[30] JP (2014-131908) 2014-06-26

[21] **2,947,004**
[13] A1
[51] **Int.Cl. A62D 1/06 (2006.01)**
[25] EN
[54] **DRY POWDER FIRE-FIGHTING COMPOSITION**
[54] **COMPOSITION DE LUTTE CONTRE L'INCENDIE SOUS FORME DE POUDRE SECHE**
[72] CORTNER, THOMAS S., US
[72] COUFAL, RONALD, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-25
[86] 2014-07-01 (PCT/US2014/045046)
[87] (WO2016/003440)

[21] **2,947,005**
[13] A1
[51] **Int.Cl. C05F 17/02 (2006.01) A01K 67/00 (2006.01) C12M 1/36 (2006.01)**
[25] EN
[54] **WORM HARVESTING APPARATUS**
[54] **APPAREIL DE RECOLTE DE VERS**
[72] CAESAR, AVRAHAM, IL
[71] CAESAR, AVRAHAM, IL
[85] 2016-10-25
[86] 2015-05-11 (PCT/IL2015/050490)
[87] (WO2015/173804)
[30] IL (232567) 2014-05-12

[21] **2,947,008**
[13] A1
[51] **Int.Cl. E21B 47/022 (2012.01) E21B 47/12 (2012.01) G01V 3/18 (2006.01)**
[25] EN
[54] **GUIDED DRILLING METHODS AND SYSTEMS EMPLOYING A CASING SEGMENT WITH AT LEAST ONE TRANSMISSION CROSSOVER ARRANGEMENT**
[54] **PROCEDES ET SYSTEMES DE FORAGE GUIDES UTILISANT UN SEGMENT DE BOITIER COMPRENANT AU MOINS UN AGENCEMENT CROISE DE TRANSMISSION**
[72] BITTAR, MICHAEL S., US
[72] MENEZES, CLIVE D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-25
[86] 2015-04-23 (PCT/US2015/027376)
[87] (WO2015/167934)
[30] US (61/987,454) 2014-05-01

[21] **2,947,009**
[13] A1
[51] **Int.Cl. F02F 7/00 (2006.01) F01M 1/02 (2006.01) F01M 1/06 (2006.01) F01M 11/00 (2006.01) F02B 67/00 (2006.01) F02B 75/22 (2006.01)**
[25] EN
[54] **ENGINE**
[54] **MOTEUR**
[72] NISHI, KENGO, JP
[72] JINNOHARA, NOBUO, JP
[71] YAMAHA MOTOR POWER PRODUCTS KABUSHIKI KAISHA, JP
[85] 2016-10-25
[86] 2015-04-24 (PCT/JP2015/062608)
[87] (WO2015/163471)
[30] JP (2014-091964) 2014-04-25

[21] **2,947,015**
[13] A1
[51] **Int.Cl. C12Q 1/70 (2006.01)**
[25] EN
[54] **MOLECULAR DETECTION OF ENTEROVIRUS AND PARECHOVIRUS**
[54] **DETECTION MOLECULAIRE D'ENTEROVIRUS ET DE PARECHOVIRUS**
[72] LEE, PETER, US
[72] NAIR, LAKSHMI, US
[72] CASTRO, ALBERT, US
[72] VESTAL, MARIA, US
[72] TABB, MICHELLE, US
[71] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US
[85] 2016-10-25
[86] 2015-04-28 (PCT/US2015/027951)
[87] (WO2015/168097)
[30] US (61/985,223) 2014-04-28

[21] 2,947,016
[13] A1
[51] **Int.Cl. A61B 18/04 (2006.01) A61B 18/00 (2006.01) A61B 18/08 (2006.01) A61B 18/20 (2006.01)**
[25] EN
[54] **TREATMENT METHODS AND PORTABLE SURGICAL DEVICES FOR TREATING NEOPLASTIC AND HYPERPLASTIC CELLS IN THE CERVIX AND OTHER DERMATOLOGICALLY OR SURFACE RELATED DISORDERS**
[54] **PROCEDES DE TRAITEMENT ET DISPOSITIFS CHIRURGICAUX PORTATIFS POUR LE TRAITEMENT DE CELLULES HYPERPLASIQUES ET NEOPLASIQUES DANS LE COL DE L'UTERUS ET AUTRES TROUBLES DERMATOLOGIQUES OU SUPERFICIELS**
[72] WALLACE, WILLIAM DEAN, US
[71] WALLACE, WILLIAM DEAN, US
[85] 2016-10-25
[86] 2015-04-29 (PCT/US2015/000053)
[87] (WO2015/167623)
[30] US (61/985,961) 2014-04-29
[30] US (62/125,486) 2015-01-23

[21] 2,947,017
[13] A1
[51] **Int.Cl. B08B 5/02 (2006.01)**
[25] EN
[54] **METHOD OF MINIMIZING ENZYME BASED AEROSOL MIST USING A PRESSURE SPRAY SYSTEM**
[54] **PROCEDE DE MINIMISATION DE BROUILLARD D'AEROSOL A BASE D'ENZYMES AU MOYEN D'UN SYSTEME DE PULVERISATION SOUS PRESSION**
[72] PETTERSEN, NATHAN D., US
[72] HODGE, CHARLES ALLEN, US
[72] EVERSON, TERRANCE P., US
[72] ENGEL, STEPHEN JAMES, US
[71] ECOLAB USA INC., US
[85] 2016-10-25
[86] 2015-04-27 (PCT/US2015/027853)
[87] (WO2015/168040)
[30] US (14/263,003) 2014-04-28

[21] 2,947,018
[13] A1
[51] **Int.Cl. B65D 83/04 (2006.01)**
[25] EN
[54] **PRODUCT DISPENSER**
[54] **DISTRIBUTEUR DE PRODUITS**
[72] SCHIFFMILLER, WILLIAM, US
[72] BURNS, CLAY, US
[72] QUINTANA SERRAHIMA, MARIO, US
[72] KONTOROVICH, BORIS, US
[71] AKOIO, LLC, US
[85] 2016-10-25
[86] 2015-04-22 (PCT/US2015/027002)
[87] (WO2015/191166)
[30] US (14/299,009) 2014-06-09

[21] 2,947,019
[13] A1
[51] **Int.Cl. G05B 13/02 (2006.01)**
[25] EN
[54] **ENVIRONMENTAL CONDITION CONTROL BASED ON SENSED CONDITIONS AND RELATED METHODS**
[54] **REGULATION DE CONDITIONS AMBIANTES SUR LA BASE DE CONDITIONS DETECTEES, ET PROCEDES ASSOCIES**
[72] DESMET, JAMES M., US
[72] BANKS, DAVID R., US
[72] REED, ALEX CHRISTOPHER, US
[72] BORDERS, MARCUS LANDON, US
[72] BISHOP, JASON, US
[71] DELTA T CORPORATION, US
[85] 2016-10-25
[86] 2015-04-28 (PCT/US2015/027998)
[87] (WO2015/168127)
[30] US (61/985,415) 2014-04-28

[21] 2,947,020
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 9/44 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROGRAMMING BEHAVIOR OF A WEBSITE TO RESPOND TO CAPABILITIES OF DIFFERENT DEVICES**
[54] **SYSTEMES ET PROCEDES DE PROGRAMMATION D'UN COMPORTEMENT D'UN SITE WEB DE MANIERE A REPONDRE AUX CAPACITES DE DIFFERENTS DISPOSITIFS**
[72] PLATT POU, LUIS ALEJANDRO, US
[71] SEARCH OPTICS, LLC, US
[85] 2016-10-25
[86] 2015-05-18 (PCT/US2015/031338)
[87] (WO2015/179274)
[30] US (62/002,665) 2014-05-23

[21] 2,947,021
[13] A1
[51] **Int.Cl. E21B 23/04 (2006.01)**
[25] EN
[54] **DEVICES AND RELATED METHODS FOR ACTUATING WELLBORE TOOLS WITH A PRESSURIZED GAS**
[54] **DISPOSITIFS ET PROCEDES ASSOCIES D'ACTIONNEMENT D'OUTILS DE PUITS DE FORAGE AU MOYEN D'UN GAZ SOUS PRESSION**
[72] LAGRANGE, TIMOTHY E., US
[72] BAKER, KEVIN L., US
[71] OWEN OIL TOOLS LP, US
[85] 2016-10-25
[86] 2015-04-28 (PCT/US2015/028023)
[87] (WO2015/168142)
[30] US (61/985,158) 2014-04-28

[21] **2,947,023**
[13] A1
[51] **Int.Cl. H02H 1/00 (2006.01)**
[25] EN
[54] **RECEPTACLE INDICATING RELATIVE LEVEL OF CURRENT OR ENERGY**
[54] **RECEPTACLE INDIQUANT UN NIVEAU RELATIF DE COURANT OU D'ENERGIE**
[72] DIAZ, HOYMA JOEL MAZARA, DO
[72] GONZALEZ, SANDY OMAR JIMENEZ, US
[72] REYES, GLENNYS JOHANNY DE JESUS, DO
[72] HERNANDEZ, MARIO NUNEZ, DO
[71] EATON CORPORATION, US
[85] 2016-10-25
[86] 2015-03-27 (PCT/US2015/022876)
[87] (WO2015/167715)
[30] US (14/267,053) 2014-05-01

---

[21] **2,947,024**
[13] A1
[51] **Int.Cl. A61B 5/053 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **BIO-IMPEDANCE MEASUREMENT METHOD USING BI-PHASIC CURRENT STIMULUS EXCITATION FOR IMPLANTABLE STIMULATOR**
[54] **PROCEDE DE MESURE DE BIO-IMPEDANCE A L'AIDE D'UNE EXCITATION PAR STIMULUS ELECTRIQUE BIPHASIQUE POUR STIMULATEUR IMPLANTABLE**
[72] LIU, WENTAI, US
[72] LO, YI-KAI, US
[72] CHANG, CHIH-WEI, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2016-10-25
[86] 2015-04-28 (PCT/US2015/028063)
[87] (WO2015/168162)
[30] US (61/985,583) 2014-04-29

---

[21] **2,947,025**
[13] A1
[51] **Int.Cl. A61J 7/00 (2006.01)**
[25] EN
[54] **UNOBTRUSIVE WIRELESS ELECTRONIC SYSTEMS FOR MONITORING AND FACILITATING PATIENT COMPLIANCE**
[54] **SYSTEMES ELECTRONIQUES SANS FIL DISCRETS DESTINES A SURVEILLER ET A FACILITER L'OBSERVANCE DU PATIENT**
[72] COLEMAN, TODD PRENTICE, US
[72] WEINREB, ROBERT N., US
[72] KIM, YUN SOUNG, US
[72] BAJEMA, MICHAEL, US
[72] KANG, DAE, US
[72] OMAR, AMR HAJ, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2016-10-25
[86] 2015-04-28 (PCT/US2015/028075)
[87] (WO2015/168171)
[30] US (61/985,384) 2014-04-28

---

[21] **2,947,027**
[13] A1
[51] **Int.Cl. A61K 31/485 (2006.01)**
[25] EN
[54] **METHODS TO TREAT, PREVENT, AND IMPROVE SKIN CONDITIONS**
[54] **PROCEDES POUR TRAITER, PREVENIR ET AMELIORER DES PROBLEMES DE PEAU**
[72] EDELSON, JONATHAN, US
[71] ANTERIOS, INC., US
[85] 2016-10-25
[86] 2015-05-01 (PCT/US2015/028808)
[87] (WO2015/168564)
[30] US (61/987,103) 2014-05-01

---

[21] **2,947,029**
[13] A1
[51] **Int.Cl. B01D 27/14 (2006.01)**
[25] EN
[54] **SEPARATION AND ASSAY OF TARGET ENTITIES USING FILTRATION MEMBRANES COMPRISING A PERFORATED TWO-DIMENSIONAL MATERIAL**
[54] **SEPARATION ET ANALYSE D'ENTITES CIBLES A L'AIDE DE MEMBRANES DE FILTRATION COMPRENANT UN MATERIAU PERFORE A DEUX DIMENSIONS**
[72] SIMON, SARAH, US
[72] STETSON, JOHN B., JR., US
[71] LOCKHEED MARTIN CORPORATION, US
[85] 2016-10-25
[86] 2015-05-01 (PCT/US2015/028948)
[87] (WO2015/168653)
[30] US (61/987,410) 2014-05-01
[30] US (PCT/US2015/018114) 2015-02-27

---

[21] **2,947,032**
[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) C07H 21/04 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS COMPRISING SEQUENCES HAVING HYDROXYPHENYLPYRUVATE DIOXYGENASE (HPPD) ACTIVITY**
[54] **COMPOSITIONS ET METHODES COMPRENANT DES SEQUENCES PRESENTANT UNE ACTIVITE HYDROXYPHENYLPYRUVATE DIOXYGENASE (HPPD)**
[72] SIEHL, DANIEL, US
[72] PATTEN, PHILLIP A., US
[72] TAO, YUMIN, US
[72] BERMUDEZ, ERICKA, US
[72] CASTLE, LINDA A., US
[72] DONG, YUXIA, US
[72] SATTERFIELD, ANDREW DUNCAN, US
[72] ALBERT, HENRIK, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2016-10-25
[86] 2015-05-02 (PCT/US2015/028967)
[87] (WO2015/168667)
[30] US (61/987,965) 2014-05-02

[21] **2,947,035**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) A61K 38/00 (2006.01) A61K 38/16 (2006.01) A61K 38/54 (2006.01) C07H 21/04 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING HUNTINGTON'S DISEASE**
[54] **METHODES ET COMPOSITIONS DE TRAITEMENT DE LA MALADIE DE HUNTINGTON**
[72] FROELICH, STEVEN, US
[72] KWAK, SEUNG, US
[72] MUNOZ-SANJUAN, IGNACIO, US
[72] ZHANG, H. STEVE, US
[71] SANGAMO BIOSCIENCES, INC., US
[71] CHDI FOUNDATION, INC., US
[85] 2016-10-25
[86] 2015-05-07 (PCT/US2015/029748)
[87] (WO2015/171932)
[30] US (61/990,521) 2014-05-08
[30] US (62/051,724) 2014-09-17

---

[21] **2,947,040**
[13] A1
[51] **Int.Cl. F16B 15/02 (2006.01) B21K 1/48 (2006.01) F16B 25/00 (2006.01) F16B 35/06 (2006.01)**
[25] EN
[54] **ENLARGED HEAD FASTENER DEVICE AND METHOD OF MANUFACTURE**
[54] **DISPOSITIF DE FIXATION A TETE AGRANDIE ET PROCEDE DE FABRICATION**
[72] WALWORTH, VAN T., US
[72] ZIMMERMAN, STEVE, US
[72] DRUMMOND, SCOTT, US
[71] SR SYSTEMS, LLC, US
[85] 2016-10-25
[86] 2015-06-10 (PCT/US2015/035190)
[87] (WO2015/191772)
[30] US (62/010,163) 2014-06-10
[30] US (62/108,259) 2015-01-27

---

[21] **2,947,041**
[13] A1
[51] **Int.Cl. C07F 5/02 (2006.01) A61K 31/69 (2006.01) A61P 31/00 (2006.01) A61P 31/04 (2006.01) C07F 5/04 (2006.01)**
[25] EN
[54] **BORONIC ACID DERIVATIVES AND THERAPEUTIC USES THEREOF**
[54] **DERIVES D'ACIDE BORONIQUE ET LEURS UTILISATIONS THERAPEUTIQUES**
[72] REDDY, RAJA, US
[72] GLINKA, TOMASZ, US
[72] HECKER, SCOTT, US
[72] TOTROV, MAXIM, US
[72] RODNY, OLGA, US
[71] REMPEX PHARMACEUTICALS, INC., US
[85] 2016-10-25
[86] 2015-05-18 (PCT/US2015/031400)
[87] (WO2015/179308)
[30] US (62/000,400) 2014-05-19

---

[21] **2,947,045**
[13] A1
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/168 (2006.01) A61M 5/172 (2006.01)**
[25] EN
[54] **INFUSION SYSTEM AND PUMP WITH CONFIGURABLE CLOSED LOOP DELIVERY RATE CATCH-UP**
[54] **SYSTEME ET POMPE DE PERFUSION A RATTRAPAGE DE DEBIT D'ADMINISTRATION REGLABLE EN BOUCLE FERMEE**
[72] LINDO, STEVE, US
[72] DAY, WILLIAM, US
[71] HOSPIRA, INC., US
[85] 2016-10-25
[86] 2015-05-29 (PCT/US2015/033345)
[87] (WO2015/184366)
[30] US (62/004,688) 2014-05-29
[30] US (14/725,077) 2015-05-29

---

[21] **2,947,046**
[13] A1
[51] **Int.Cl. C08F 212/12 (2006.01) C08F 2/14 (2006.01) C08F 210/12 (2006.01)**
[25] EN
[54] **COPOLYMER HAVING HIGH MULTIOLEFIN CONTENT**
[54] **COPOLYMERE A TENEUR ELEVEE EN MULTIOLEFINE**
[72] TEERTSTRA, STEVEN JOHN, CA
[72] NGUYEN, PAUL, CA
[72] WATSON, JESSICA, CA
[72] ARSENAULT, GILLES, CA
[71] ARLANXEO SINGAPORE PTE. LTD., SG
[85] 2016-10-26
[86] 2015-04-28 (PCT/CA2015/050352)
[87] (WO2015/164963)
[30] EP (14166577.8) 2014-04-30
[30] EP (14174870.7) 2014-06-30

---

[21] **2,947,051**
[13] A1
[51] **Int.Cl. C08F 210/12 (2006.01) C08F 2/14 (2006.01)**
[25] EN
[54] **COPOLYMER HAVING LOW ISOPRENOID CONTENT**
[54] **COPOLYMERE RENFERMANT PEU D'ISOPRENOIDES**
[72] TEERTSTRA, STEVEN JOHN, CA
[72] NGUYEN, PAUL, CA
[72] WATSON, JESSICA LEE, CA
[72] ARSENAULT, GILLES, CA
[71] ARLANXEO SINGAPORE PTE. LTD., SG
[85] 2016-10-26
[86] 2015-04-28 (PCT/CA2015/050353)
[87] (WO2015/164964)
[30] EP (14166578.6) 2014-04-30
[30] EP (14174868.1) 2014-06-30

---

[21] **2,947,053**
[13] A1
[51] **Int.Cl. H05B 6/78 (2006.01) H05B 6/80 (2006.01)**
[25] EN
[54] **MICROWAVE STERILIZATION OR PASTEURIZATION**
[54] **STERILISATION OU PASTEURISATION PAR MICRO-ONDES**
[72] TANG, JUMING, US
[72] LIU, FANG, US
[71] WASHINGTON STATE UNIVERSITY, US
[85] 2016-10-25
[86] 2015-05-06 (PCT/US2015/029468)
[87] (WO2015/171763)
[30] US (61/990,066) 2014-05-07
[30] US (62/030,330) 2014-07-29

---

[21] **2,947,054**
[13] A1
[51] **Int.Cl. C08F 210/12 (2006.01) C08F 2/14 (2006.01)**
[25] EN
[54] **COPOLYMER HAVING LOW CYCLIC OLIGOMER CONTENT**
[54] **COPOLYMERE A FAIBLE TENEUR EN OLIGOMERE CYCLIQUE**
[72] NGUYEN, PAUL, CA
[72] WATSON, JESSICA, CA
[72] ARSENAULT, GILLES, CA
[71] ARLANXEO SINGAPORE PTE. LTD., SG
[85] 2016-10-26
[86] 2015-04-28 (PCT/CA2015/050354)
[87] (WO2015/164965)
[30] EP (14166580.2) 2014-04-30
[30] EP (14174869.9) 2014-06-30

---

[21] **2,947,056**
[13] A1
[51] **Int.Cl. A61N 1/05 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ELECTRICAL CURRENT THERAPY OF BIOLOGICAL TISSUE**
[54] **PROCEDE ET APPAREIL D'ELECTROTHERAPIE POUR TISSU BIOLOGIQUE**
[72] MOWER, MORTON M., US
[71] MR3 MEDICAL, LLC, US
[85] 2016-10-26
[86] 2015-06-17 (PCT/US2015/036217)
[87] (WO2015/195795)
[30] US (62/013,126) 2014-06-17

---

[21] **2,947,072**
[13] A1
[51] **Int.Cl. C08F 2/14 (2006.01) C08F 212/12 (2006.01) C08F 210/12 (2006.01)**
[25] EN
[54] **HYDROFLUORINATED OLEFINS (HFO'S) AS DILUENTS FOR BUTYL RUBBER PRODUCTION**
[54] **OLEFINES HYDROFLUOREES UTILISEES EN TANT QUE DILUANTS DANS LA PRODUCTION DE CAOUTCHOUC BUTYLIQUE**
[72] ARSENAULT, GILLES, CA
[72] NGUYEN, PAUL, CA
[72] WATSON, JESSICA LEE, CA
[71] ARLANXEO SINGAPORE PTE. LTD., SG
[85] 2016-10-26
[86] 2015-04-28 (PCT/CA2015/050355)
[87] (WO2015/164966)
[30] EP (14166576.0) 2014-04-30
[30] EP (14174871.5) 2014-06-30

---

[21] **2,947,073**
[13] A1
[51] **Int.Cl. C08F 210/12 (2006.01) C08F 2/04 (2006.01) C08F 6/06 (2006.01) C08F 8/22 (2006.01)**
[25] EN
[54] **2,3,3,3-TETRAFLUORO-1-PROPENE AS DILUENT FOR THE PREPARATION OF NOVEL BUTYL RUBBERS**
[54] **2,3,3,3-TETRAFLUORO-1-PROPENE UTILISE COMME DILUANT POUR LA PREPARATION DE NOUVEAUX CAOUTCHOUCS BUTYLE**
[72] NGUYEN, PAUL, CA
[72] TEERTSTRA, STEVEN JOHN, CA
[72] WATSON, JESSICA LEE, CA
[71] ARLANXEO SINGAPORE PTE. LTD., SG
[85] 2016-10-26
[86] 2015-04-30 (PCT/CA2015/050363)
[87] (WO2015/164971)
[30] EP (14166697.4) 2014-04-30

---

[21] **2,947,075**
[13] A1
[51] **Int.Cl. C08F 2/14 (2006.01) C08F 2/10 (2006.01)**
[25] EN
[54] **DILUENT FOR THE PRODUCTION OF BUTYL RUBBER**
[54] **DILUANT POUR LA PRODUCTION DE CAOUTCHOUC DE BUTYLE**
[72] ARSENAULT, GILLES, CA
[72] TEERTSTRA, STEVEN JOHN, CA
[71] ARLANXEO SINGAPORE PTE. LTD., SG
[85] 2016-10-26
[86] 2015-04-30 (PCT/CA2015/050364)
[87] (WO2015/164972)
[30] EP (14166687.5) 2014-04-30

---

[21] **2,947,076**
[13] A1
[51] **Int.Cl. C08F 210/12 (2006.01) C08F 2/04 (2006.01) C08F 6/06 (2006.01) C08F 8/22 (2006.01)**
[25] EN
[54] **BUTYL RUBBER WITH NEW SEQUENCE DISTRIBUTION**
[54] **CAOUTCHOUC BUTYLE A NOUVELLE DISTRIBUTION DE SEQUENCE**
[72] TEERTSTRA, STEVEN JOHN, CA
[71] ARLANXEO SINGAPORE PTE. LTD., SG
[85] 2016-10-26
[86] 2015-04-30 (PCT/CA2015/050365)
[87] (WO2015/164973)
[30] EP (14166506.7) 2014-04-30

---

[21] **2,947,077**
[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **CONTROL CHANNEL TRANSMISSION FOR PAGING MESSAGE COVERAGE ENHANCEMENT**
[54] **TRANSMISSION DE CANAL DE COMMANDE POUR UNE AMELIORATION DE COUVERTURE DE MESSAGE DE RADIOMESSAGERIE**
[72] DU, LEI, CN
[72] RATASUK, RAPEEPAT, US
[72] ZHANG, YANJI, CN
[71] NOKIA SOLUTIONS AND NETWORKS OY, FI
[85] 2016-10-26
[86] 2014-06-06 (PCT/CN2014/079371)
[87] (WO2015/184642)

[21] **2,947,092**
[13] A1
[51] **Int.Cl. C08L 23/22 (2006.01) C08F 2/14 (2006.01)**
[25] EN
[54] **HIGHLY UNSATURATED MULTI-MODAL POLYISOOLEFIN COMPOSITION AND PROCESS FOR PREPARATION THEREOF**
[54] **COMPOSITION DE POLY(ISOOLEFINE) MULTIMODALE HAUTEMENT INSATUREE ET PROCEDE POUR SA PREPARATION**
[72] CHADDER, SARAH, CA
[72] CREWDSON, PATRICK, CA
[72] FERRARI, LORENZO, CA
[71] ARLANXEO SINGAPORE PTE. LTD., SG
[85] 2016-10-26
[86] 2015-04-28 (PCT/CA2015/050351)
[87] (WO2015/164962)
[30] EP (14166575.2) 2014-04-30

[21] **2,947,095**
[13] A1
[51] **Int.Cl. C08F 4/649 (2006.01) C08F 4/651 (2006.01) C08F 4/654 (2006.01) C08F 10/06 (2006.01)**
[25] EN
[54] **CATALYST COMPONENT FOR PROPENE POLYMERIZATION, PREPARATION METHOD THEREOF, AND CATALYST CONTAINING THE SAME**
[54] **COMPOSANT DE CATALYSEUR POUR POLYMERISATION DE PROPYLENE, PROCEDE DE PREPARATION ASSOCIE ET CATALYSEUR CONTENANT CE COMPOSANT**
[72] WANG, JUN, CN
[72] GAO, MINGZHI, CN
[72] LIU, HAITAO, CN
[72] MA, JING, CN
[72] CHEN, JIANHUA, CN
[72] CAI, XIAOXIA, CN
[72] MA, JIXING, CN
[72] LI, CHANGXIU, CN
[72] HU, JIANJUN, CN
[72] ZHANG, XIAOFAN, CN
[72] LI, XIANZHONG, CN
[72] ZHANG, ZHIHUI, CN
[72] DUAN, RUILIN, CN
[72] YANG, LINNA, CN
[72] MA, CHANGYOU, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[85] 2016-10-25
[86] 2015-04-24 (PCT/CN2015/077379)
[87] (WO2015/161825)
[30] CN (201410168805.7) 2014-04-24
[30] CN (201410169225.X) 2014-04-24
[30] CN (201410168779.8) 2014-04-24
[30] CN (201410168730.2) 2014-04-24
[30] CN (201410168798.0) 2014-04-24
[30] CN (201410168579.2) 2014-04-24

[21] **2,947,096**
[13] A1
[51] **Int.Cl. B27L 7/08 (2006.01) B27L 7/00 (2006.01)**
[25] EN
[54] **CHOPPING AID**
[54] **AIDE AU HACHAGE**
[72] VANTTILA, OLLI-PEKKA, FI
[72] LYYTIKAINEN, SAMI, FI
[71] FISKARS FINLAND OY AB, FI
[85] 2016-10-26
[86] 2015-04-29 (PCT/FI2015/050294)
[87] (WO2015/170004)
[30] EP (14167704.7) 2014-05-09

[21] **2,947,098**
[13] A1
[51] **Int.Cl. G01N 33/00 (2006.01)**
[25] EN
[54] **ELECTRODE ARRANGEMENTS FOR TEST ELEMENT INTEGRITY**
[54] **AGENCEMENT D'ELECTRODES POUR INTEGRITE D'ELEMENT D'ESSAI**
[72] BUCK, HARVEY, JR., US
[72] JERNIGAN, WALTER, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-10-26
[86] 2015-06-01 (PCT/US2015/033577)
[87] (WO2015/187580)
[30] US (62/008,160) 2014-06-05

[21] **2,947,099**
[13] A1
[51] **Int.Cl. G01N 33/52 (2006.01)**
[25] EN
[54] **INTERCHANGEABLE TEST ELEMENT RETAINERS**
[54] **RETENUES D'ELEMENT DE TEST INTERCHANGEABLES**
[72] JOSEPH, ABNER, US
[72] OFFENBACHER, MARK, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-10-26
[86] 2015-06-01 (PCT/US2015/033521)
[87] (WO2015/187551)
[30] US (62/008,152) 2014-06-05

[21] **2,947,100**
[13] A1
[51] **Int.Cl. B60R 16/023 (2006.01)**
[25] EN
[54] **FLUID SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE FLUIDIQUES**
[72] BARNES, ANDREW PHILIP, GB
[72] BRETT, PETER STUART, GB
[72] GOODIER, STEVEN PAUL, GB
[72] LAKE, TIMOTHY HUGH, GB
[72] O'MALLEY, MARK, GB
[72] TAYLOR, OLIVER PAUL, GB
[72] WILLIAMS, DAVID JOHN ROACH, GB
[71] CASTROL LIMITED, GB
[85] 2016-10-26
[86] 2014-05-21 (PCT/GB2014/051566)
[87] (WO2015/177488)

---

[21] **2,947,101**
[13] A1
[51] **Int.Cl. G01V 1/48 (2006.01) G01V 1/28 (2006.01) G01V 1/30 (2006.01) G01V 1/50 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **DETERMINING A COMPLETION DESIGN BASED ON SEISMIC DATA**
[54] **DETERMINATION D'UNE CONCEPTION DE COMPLETION SUR LA BASE DE DONNEES SISMIQUES**
[72] WALTERS, HAROLD GRAYSON, US
[72] RANJAN, PRIYESH, US
[72] DUSTERHOFT, RONALD GLEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-26
[86] 2014-06-04 (PCT/US2014/040865)
[87] (WO2015/187152)

---

[21] **2,947,105**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01)**
[25] EN
[54] **NEEDLE SAFETY SHIELD**
[54] **ECRAN DE PROTECTION POUR AIGUILLE**
[72] DUNNE, STEPHEN, GB
[72] EMMOTT, DOUGLAS ARTHUR, GB
[71] NEW INJECTION SYSTEMS LTD, GB
[85] 2016-10-26
[86] 2015-05-01 (PCT/GB2015/051306)
[87] (WO2015/166288)
[30] GB (1407682.2) 2014-05-01

---

[21] **2,947,106**
[13] A1
[51] **Int.Cl. G01R 31/08 (2006.01)**
[25] EN
[54] **METHOD AND MEASURING DEVICE FOR INTERMODULATION MEASUREMENT**
[54] **PROCEDE ET APPAREIL DE MESURE D'INTERMODULATION**
[72] ENTSFELLNER, CHRISTIAN, DE
[72] KAINDL, BENJAMIN, DE
[72] SCHWAB, MARTIN, DE
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[85] 2016-10-25
[86] 2014-09-19 (PCT/EP2014/002549)
[87] (WO2015/172798)
[30] DE (10 2014 007 151.0) 2014-05-15

---

[21] **2,947,110**
[13] A1
[51] **Int.Cl. C11D 3/37 (2006.01) C11D 3/395 (2006.01)**
[25] EN
[54] **ENHANCED CATALYST STABILITY IN ACTIVATED PEROXYGEN AND/OR ALKALINE DETERGENT FORMULATIONS**
[54] **STABILITE DE CATALYSEUR AMELIOREE DANS DES FORMULATIONS DETERGENTES A PEROXYGENE ACTIVE ET/OU ALCALINES**
[72] DOTZAUER, DAVID, US
[72] MOHS, THOMAS R., US
[72] HILL, ERIN, US
[71] ECOLAB USA INC., US
[85] 2016-10-25
[86] 2015-06-11 (PCT/US2015/035356)
[87] (WO2015/191870)
[30] US (14/303,700) 2014-06-13

---

[21] **2,947,117**
[13] A1
[51] **Int.Cl. G05B 23/02 (2006.01) F04B 51/00 (2006.01) F04D 15/00 (2006.01) G05D 7/06 (2006.01)**
[25] EN
[54] **PERFORMANCE MONITORING OF A PUMP-VALVE SYSTEM**
[54] **CONTROLE DES PERFORMANCES D'UN SYSTEME DE SOUPAPE DE POMPE**
[72] PYOTSIA, JOUNI, FI
[72] FRIMAN, MATS, FI
[71] METSO FLOW CONTROL OY, FI
[85] 2016-10-26
[86] 2014-04-29 (PCT/FI2014/050313)
[87] (WO2015/166132)

---

[21] **2,947,127**
[13] A1
[51] **Int.Cl. G01N 33/00 (2006.01) A61K 31/58 (2006.01) C07K 14/705 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **HDL THERAPY MARKERS**
[54] **MARQUEURS DE THERAPIE HDL**
[72] DASSEUX, JEAN-LOUIS, FR
[72] BARBARAS, RONALD, FR
[71] CERENIS THERAPEUTICS HOLDING SA, FR
[85] 2016-10-26
[86] 2015-04-30 (PCT/IB2015/000854)
[87] (WO2015/173633)
[30] US (61/988,095) 2014-05-02

---

[21] **2,947,128**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **DNA METHYLATION STATUS AS A BIOMARKER OF ALCOHOL USE AND ABSTINENCE**
[54] **ETAT DE METHYLATION DE L'ADN UTILISE COMME BIOMARQUEUR DE LA CONSOMMATION D'ALCOOL ET DE L'ABSTINENCE**
[72] PHILIBERT, ROBERT, US
[71] PHILIBERT, ROBERT, US
[85] 2016-10-26
[86] 2015-05-28 (PCT/IB2015/054041)
[87] (WO2015/181779)
[30] US (62/005,408) 2014-05-30

[21] **2,947,129**
[13] A1
[51] **Int.Cl. H04L 12/44 (2006.01)**
[25] EN
[54] **OPTICAL LINE TERMINAL, COMMUNICATION CONTROL METHOD, AND COMMUNICATION CONTROL PROGRAM**
[54] **DISPOSITIF COTE STATION, PROCEDE ET PROGRAMME DE COMMANDE DE COMMUNICATION**
[72] FUJINO, KENJIRO, JP
[72] TANAKA, HIDEYUKI, JP
[72] KAWAMOTO, KAZUTAKA, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[85] 2016-10-26
[86] 2015-04-13 (PCT/JP2015/061352)
[87] (WO2015/166791)
[30] JP (2014-093931) 2014-04-30

---

[21] **2,947,131**
[13] A1
[51] **Int.Cl. G06F 21/31 (2013.01) G06Q 20/20 (2012.01) H04L 9/32 (2006.01)**
[25] EN
[54] **MOBILE LOYALTY AND PAYMENT SYSTEM USING TEMPORARY SHORT CODES**
[54] **SYSTEME DE FIDELISATION ET DE PAIEMENT PAR MOBILE A L'AIDE DE CODES COURTS TEMPORAIRES**
[72] CHINOY, BILAL A., US
[72] KUA, ANTHONY, US
[71] TILLSTER, INC., US
[85] 2016-10-26
[86] 2015-04-28 (PCT/US2015/027903)
[87] (WO2015/168067)
[30] US (14/269,020) 2014-05-02

---

[21] **2,947,132**
[13] A1
[51] **Int.Cl. H01M 8/04 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND METHOD OF CONTROLLING THE SAME**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET SON PROCEDE DE COMMANDE**
[72] SATO, MASASHI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2016-10-26
[86] 2014-04-30 (PCT/JP2014/062028)
[87] (WO2015/166567)

---

[21] **2,947,133**
[13] A1
[51] **Int.Cl. H04N 7/15 (2006.01) H04W 4/08 (2009.01) H04W 76/02 (2009.01) H04M 3/56 (2006.01)**
[25] EN
[54] **COMMUNICATION MANAGEMENT SYSTEM, COMMUNICATION MANAGEMENT METHOD, AND COMPUTER PROGRAM PRODUCT**
[54] **SYSTEME DE GESTION DE COMMUNICATION, PROCEDE DE GESTION DE COMMUNICATION, ET PRODUIT-PROGRAMME D'ORDINATEUR**
[72] ASAI, TAKAHIRO, JP
[71] RICOH COMPANY, LIMITED, JP
[85] 2016-10-26
[86] 2015-04-30 (PCT/JP2015/063538)
[87] (WO2015/167021)
[30] JP (2014-093337) 2014-04-30

---

[21] **2,947,135**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **NON-BURNING-TYPE FLAVOR INHALER AND COMPUTER-READABLE MEDIUM**
[54] **INHALATEUR D'AROME DU TYPE SANS COMBUSTION ET SUPPORT LISIBLE PAR ORDINATEUR**
[72] YAMADA, MANABU, JP
[72] TAKEUCHI, MANABU, JP
[72] MATSUMOTO, HIROFUMI, JP
[72] TARORA, MASAFUMI, JP
[71] JAPAN TOBACCO INC., JP
[85] 2016-10-26
[86] 2015-04-28 (PCT/JP2015/062850)
[87] (WO2015/166952)
[30] JP (2014-095160) 2014-05-02

---

[21] **2,947,137**
[13] A1
[51] **Int.Cl. A45D 29/00 (2006.01)**
[25] EN
[54] **CIRCULAR DEVICE WITH ROTATING MOVEMENT FOR NAIL VARNISH REMOVER**
[54] **DISPOSITIF CIRCULAIRE A MOUVEMENT ROTATIF POUR DISSOLVANT DE VERNIS A ONGLES**
[72] PANTOJA LEON, ANGELICA, MX
[71] PANTOJA LEON, ANGELICA, MX
[85] 2016-10-26
[86] 2015-05-04 (PCT/MX2015/000070)
[87] (WO2015/170955)
[30] MX (MX/a/2014/005785) 2014-05-06

---

[21] **2,947,138**
[13] A1
[25] EN
[54] **OBJECT DETECTION DEVICE, OBJECT DETECTION METHOD, AND OBJECT DETECTION SYSTEM**
[54] **DISPOSITIF, PROCEDE ET SYSTEME DE DETECTION D'OBJETS**
[72] KUMENO, HIROYUKI, JP
[72] MURAI, YUICHI, JP
[72] TAKEDA, YASUSHI, JP
[71] NEC CORPORATION, JP
[71] NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY, JP
[71] FLOWBIZ RESEARCH INC., JP
[85] 2016-10-26
[86] 2015-04-30 (PCT/JP2015/063535)
[87] (WO2015/170776)
[30] JP (2014-095815) 2014-05-07

---

[21] **2,947,139**
[13] A1
[51] **Int.Cl. C10M 161/00 (2006.01)**
[25] EN
[54] **NANO-TRIBOLOGY COMPOSITIONS AND RELATED METHODS INCLUDING HARD PARTICLES**
[54] **COMPOSITIONS NANO-TRIBOLOGIQUES ET METHODES ASSOCIEES FAISANT APPEL A DES PARTICULES DURES**
[72] MALSHE, AJAY P., US
[71] NANOMECH, INC., US
[85] 2016-10-26
[86] 2015-04-28 (PCT/US2015/027925)
[87] (WO2015/191173)
[30] US (14/302,030) 2014-06-11

[21] **2,947,140**
[13] A1
[51] **Int.Cl. E21B 33/13 (2006.01) C09K 8/42 (2006.01)**
[25] EN
[54] **ACID SOLUBLE FLAKES AS LOST CIRCULATION MATERIAL**
[54] **FLOCONS SOLUBLES DANS UN ACIDE CONSTITUANT UN MATERIAU DE CIRCULATION PERDUE**
[72] MISRA, GARIMA, IN
[72] SAVARI, SHARATH, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-26
[86] 2014-06-24 (PCT/US2014/043764)
[87] (WO2015/199652)

---

[21] **2,947,142**
[13] A1
[51] **Int.Cl. B26D 1/38 (2006.01) B26D 5/20 (2006.01) B26D 7/08 (2006.01) B65H 23/18 (2006.01) B65H 35/06 (2006.01)**
[25] EN
[54] **WEIGHT MATERIAL CUTTING, DISPENSING AND APPLYING SYSTEMS**
[54] **SYSTEMES DE DECOUPE, DE DISTRIBUTION ET D'APPLICATION DE MATERIAU PONDEREUX**
[72] KERWIN, KEVIN R., US
[72] GROSS, PETER L., US
[72] CAMPBELL, TODD A., US
[72] REGE, NETRESH U., US
[72] ZOLLER, PATRICK W., US
[72] SKOMSKI, JEFFREY N., US
[72] WALTERS, MARC A., US
[72] WALTERS, KRISTOPHER J., JR., US
[72] MCCLAIN, ERIK L., US
[71] ARKK ENGINEERING, US
[85] 2016-10-26
[86] 2015-04-28 (PCT/US2015/027966)
[87] (WO2015/168106)
[30] US (61/985,087) 2014-04-28

---

[21] **2,947,143**
[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 47/12 (2012.01) G01V 3/18 (2006.01)**
[25] EN
[54] **CASING SEGMENT HAVING AT LEAST ONE TRANSMISSION CROSSOVER ARRANGEMENT**
[54] **SEGMENT DE TUBAGE AYANT AU MOINS UN AGENCEMENT DE CROISEMENT DE TRANSMISSION**
[72] BITTAR, MICHAEL S., US
[72] MENEZES, CLIVE D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-26
[86] 2015-04-23 (PCT/US2015/027378)
[87] (WO2015/167936)
[30] US (61/987,450) 2014-05-01
[30] US (61/987,449) 2014-05-01

---

[21] **2,947,144**
[13] A1
[51] **Int.Cl. E04B 1/74 (2006.01) E04B 1/76 (2006.01) E21B 12/00 (2006.01)**
[25] EN
[54] **INSULATION ENCLOSURE WITH A RADIANT BARRIER**
[54] **ENCEINTE D'ISOLATION DOTEE D'UNE BARRIERE REFLECHISSANTE**
[72] OWNBY, CLAYTON ARTHUR, US
[72] COOK, GRANT O., III, US
[72] THOMAS, JEFFREY G., US
[72] VOGLEWEDE, DANIEL BRENDAN, US
[72] ATKINS, WILLIAM BRIAN, US
[72] JOY, RONALD EUGENE, US
[72] CLARK, MICHAEL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-26
[86] 2014-06-25 (PCT/US2014/043989)
[87] (WO2015/199666)

---

[21] **2,947,145**
[13] A1
[51] **Int.Cl. B01F 3/04 (2006.01) B01F 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DISSOLVING A GAS INTO A LIQUID**
[54] **SYSTEMES ET PROCEDES DE DISSOLUTION D'UN GAZ DANS UN LIQUIDE**
[72] MILLIGAN, CHRISTOPER B., US
[72] FENDLEY, DARRYL L., US
[72] CRITTENDEN, JOSHUA D., US
[72] HART, JESSICA M., US
[71] BLUEINGREEN LLC, US
[85] 2016-10-26
[86] 2015-04-28 (PCT/US2015/028005)
[87] (WO2015/168133)
[30] US (61/984,996) 2014-04-28

---

[21] **2,947,146**
[13] A1
[51] **Int.Cl. F21V 21/005 (2006.01)**
[25] EN
[54] **FLEXIBLE LIGHTING DEVICE HAVING BOTH VISIBLE AND INFRARED LIGHT-EMITTING DIODES**
[54] **DISPOSITIF D'ECLAIRAGE SOUPLE COMPRENANT DES DIODES ELECTROLUMINESCENTES EMETTANT DE LA LUMIERE VISIBLE ET INFRAROUGE**
[72] JONES, SCOTT J., US
[72] MARX, MARTIN J., US
[72] BROOKS, TIMOTHY W., US
[72] GRAMLICH, DONALD L., US
[72] CORWIN, WILLIAM L., US
[72] ROBBINS, STANLEY D., US
[71] GROTE INDUSTRIES, LLC, US
[85] 2016-10-26
[86] 2015-04-27 (PCT/US2015/027691)
[87] (WO2015/195203)
[30] US (14/310,538) 2014-06-20

[21] **2,947,147**
[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 21/10 (2006.01) E21B 33/06 (2006.01)**
[25] EN
[54] **DOWNHOLE FLUID FLOW DIVERTING**
[54] **DEVIATION D'ECOULEMENT DE FLUIDE DE FOND DE TROU**
[72] ROCHE, OLIVIER CHRISTOPHE, BE
[72] MOI, STEIN ERIK, NO
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-26
[86] 2014-06-30 (PCT/US2014/044911)
[87] (WO2016/003422)

---

[21] **2,947,148**
[13] A1
[51] **Int.Cl. C07K 16/40 (2006.01) C07K 16/26 (2006.01)**
[25] EN
[54] **ANTI-PTK7 ANTIBODY-DRUG CONJUGATES**
[54] **CONJUGUES MEDICAMENT-ANTICORPS ANTI-PTK7**
[72] DAMELIN, MARC ISAAC, US
[72] SAPRA, PUJA, US
[72] BANKOVICH, ALEXANDER JOHN, US
[72] DYLLA, SCOTT J., US
[71] PFIZER INC., US
[71] ABBVIE STEMCENTRX LLC, US
[85] 2016-10-26
[86] 2015-04-27 (PCT/US2015/027791)
[87] (WO2015/168019)
[30] US (61/986,520) 2014-04-30

---

[21] **2,947,149**
[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01) A61K 38/08 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING CELIAC DISEASE WITH LARAZOTIDE**
[54] **PROCEDES DE TRAITEMENT DE LA MALADIE COELIAQUE AVEC LE LARAZOTIDE**
[72] PERROW, WENDY, US
[72] PEACOCK, BRUCE, US
[71] ALBA THERAPEUTICS CORPORATION, US
[85] 2016-10-26
[86] 2015-04-03 (PCT/US2015/024313)
[87] (WO2015/154010)
[30] US (61/975,128) 2014-04-04

---

[21] **2,947,151**
[13] A1
[51] **Int.Cl. G06F 9/455 (2006.01)**
[25] EN
[54] **PROVIDING EXCESS COMPUTE RESOURCES WITH VIRTUALIZATION**
[54] **FOURNITURE DE RESSOURCES INFORMATIQUES EN EXCES AU MOYEN D'UNE VIRTUALISATION**
[72] HILTGEN, DANIEL, US
[72] DEVINE, PATRICK, US
[72] PAPP, ERIK P., US
[72] JAMIL, MUSTAFA, US
[71] NETKINE, INC., US
[85] 2016-10-26
[86] 2015-04-28 (PCT/US2015/028073)
[87] (WO2015/168169)
[30] US (61/985,392) 2014-04-28

---

[21] **2,947,152**
[13] A1
[51] **Int.Cl. G06Q 40/00 (2012.01)**
[25] EN
[54] **ELECTRONIC TRADING SYSTEM UTILIZING USER-CUSTOMIZED IMPLIED PROBABILITY DISTRIBUTIONS AND GRAPHICAL USER INTERFACE FOR SAME**
[54] **SYSTEME DE NEGOCIATION ELECTRONIQUE UTILISANT DES DISTRIBUTIONS DE PROBABILITE IMPLICITE PERSONNALISEES PAR L'UTILISATEUR ET INTERFACE UTILISATEUR GRAPHIQUE ASSOCIEE**
[72] PETERFFY, THOMAS PECHY, US
[72] BALKOVSKI, EUGENE, US
[72] BOWMAN, DAVID, US
[72] GALIK, MILAN, US
[72] STETSENKO, DENNIS, US
[71] INTERACTIVE BROKERS LLC, US
[85] 2016-10-26
[86] 2014-10-29 (PCT/US2014/062978)
[87] (WO2015/066223)
[30] US (61/897,118) 2013-10-29

---

[21] **2,947,153**
[13] A1
[51] **Int.Cl. G01V 5/04 (2006.01)**
[25] EN
[54] **GAMMA DETECTOR PROTECTION FOR DOWNHOLE OPERATIONS**
[54] **PROTECTION DE DETECTEUR DE RAYONNEMENT GAMMA POUR OPERATIONS DE FOND DE TROU**
[72] DEERE, R. PAUL, US
[72] CHANDOS, DAVID, US
[72] THOMAS, JACOB, US
[71] TOLTEQ GROUP, LLC, US
[85] 2016-10-26
[86] 2015-04-29 (PCT/US2015/028323)
[87] (WO2015/171402)
[30] US (61/988,197) 2014-05-03

---

[21] **2,947,154**
[13] A1
[51] **Int.Cl. E21B 17/07 (2006.01)**
[25] EN
[54] **SNUBBER FOR DOWNHOLE TOOL**
[54] **AMORTISSEUR POUR OUTIL DE FOND DE TROU**
[72] DEERE, R. PAUL, US
[72] CHANDOS, DAVID, US
[72] MOTZING, GRAHAM, US
[72] THOMAS, JACOB, US
[72] MENDEZ, PATRICK, US
[71] TOLTEQ GROUP, LLC, US
[85] 2016-10-26
[86] 2015-04-29 (PCT/US2015/028186)
[87] (WO2015/168226)
[30] US (61/986,871) 2014-04-30

---

[21] **2,947,155**
[13] A1
[51] **Int.Cl. B01F 3/12 (2006.01) C09K 8/06 (2006.01) C09K 8/32 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR SUSPENDING COMPONENTS IN OILS WITHOUT SUSPENDING AGENTS**
[54] **PROCEDES ET COMPOSITIONS POUR LA MISE EN SUSPENSION DE COMPOSANTS DANS DES HUILES SANS AGENTS DE MISE EN SUSPENSION**
[72] CHOWDHARY, MANJIT S., US
[71] RADIXKHEM, LLC, US
[85] 2016-10-26
[86] 2015-04-30 (PCT/US2015/028588)
[87] (WO2015/168446)
[30] US (61/986,618) 2014-04-30

[21] **2,947,156**
[13] A1
[51] **Int.Cl. E21B 43/08 (2006.01) E21B 23/00 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GRAVEL PACKING A WELLBORE**
[54] **SYSTEME ET PROCEDE POUR FILTRE A GRAVIERS D'UN PUITS DE FORAGE**
[72] LANGLAIS, MICHAEL, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-10-26
[86] 2015-04-28 (PCT/US2015/028010)
[87] (WO2015/168137)
[30] US (61/985,289) 2014-04-28
[30] US (61/991,160) 2014-05-09

[21] **2,947,158**
[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES AND METHODS FOR GENERATING LOCALITY-INDICATIVE DATA REPRESENTATIONS OF DATA STREAMS, AND COMPRESSIONS THEREOF**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE PRODUCTION DE REPRESENTATIONS DE DONNEES INDICATIVES DE LOCALITE DE FLUX DE DONNEES, ET COMPRESSIONS DE CELLES-CI**
[72] WIRES, JACOB TAYLOR, CA
[72] WARFIELD, ANDREW, CA
[72] INGRAM, STEPHEN FROWE, CA
[72] HARVEY, NICHOLAS JAMES ALEXANDER, CA
[72] DRUDI, ZACHARY, CA
[71] COHO DATA, INC., US
[85] 2016-10-26
[86] 2015-04-29 (PCT/US2015/028253)
[87] (WO2015/168262)
[30] US (61/987,234) 2014-05-01

[21] **2,947,159**
[13] A1
[51] **Int.Cl. A61K 31/255 (2006.01) A61K 31/18 (2006.01) A61K 31/185 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF 1,3-PROPANEDISULFONIC ACID OR PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF FOR THE TREATMENT OF SARCOIDOSIS**
[54] **UTILISATION D'ACIDE 1,3-PROPANE DISULFONIQUE OU DE SELS PHARMACEUTIQUEMENT ACCEPTABLE DE CELUI-CI POUR LE TRAITEMENT DE LA SARCOIDOSE**
[72] MORGENTHAU, ADAM S., US
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US
[85] 2016-10-26
[86] 2015-04-29 (PCT/US2015/028336)
[87] (WO2015/168315)
[30] US (61/986,719) 2014-04-30

[21] **2,947,161**
[13] A1
[51] **Int.Cl. C05G 3/08 (2006.01)**
[25] EN
[54] **MICROENCAPSULATED NITRIFICATION INHIBITOR COMPOSITION**
[54] **COMPOSITION D'INHIBITEUR DE NITRIFICATION MICRO-ENCAPSULEE**
[72] DAVE, HITESHKUMAR, US
[72] LIU, LEI, US
[72] BOUCHER, RAYMOND E., JR., US
[72] POWELS, GREG, US
[72] WILLIAMS, ALEX, US
[72] BURKHART, MIRIAM, US
[71] DOW AGROSCIENCES LLC, US
[85] 2016-10-26
[86] 2015-05-01 (PCT/US2015/028843)
[87] (WO2015/168593)
[30] US (61/988,056) 2014-05-02

[21] **2,947,164**
[13] A1
[51] **Int.Cl. G07C 9/02 (2006.01)**
[25] EN
[54] **FAILSAFE OPERATION FOR UNMANNED GATELINES**
[54] **FONCTIONNEMENT A SECURITE INTEGREE POUR PASSAGES DE PORTES AUTOMATIQUES**
[72] REYMANN, STEFFEN, US
[72] SMITH, GAVIN, US
[71] CUBIC CORPORATION, US
[85] 2016-10-26
[86] 2015-04-30 (PCT/US2015/028480)
[87] (WO2015/168386)
[30] US (61/986,704) 2014-04-30
[30] US (14/700,403) 2015-04-30

[21] **2,947,178**
[13] A1
[51] **Int.Cl. F28F 9/00 (2006.01) F02M 31/20 (2006.01) F28D 1/03 (2006.01) F28D 1/06 (2006.01) F28F 3/00 (2006.01)**
[25] EN
[54] **CHARGE AIR COOLER WITH MULTI-PIECE PLASTIC HOUSING**
[54] **REFROIDISSEUR D'AIR DE SURALIMENTATION AVEC BOITIER EN MATIERE PLASTIQUE MULTI-PIECE**
[72] KINDER, LEE M., CA
[72] ABELS, KENNETH M.A., CA
[72] FLOWERS, CHRISTOPHER LYNN, US
[71] DANA CANADA CORPORATION, CA
[85] 2016-10-27
[86] 2015-04-29 (PCT/CA2015/050358)
[87] (WO2015/164968)
[30] US (61/985,588) 2014-04-29

[21] **2,947,179**
[13] A1
[51] **Int.Cl. G06T 19/00 (2011.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ESTIMATING THREE-DIMENSIONAL INFORMATION FROM TWO-DIMENSIONAL CONCEPT DRAWINGS**
[54] **PROCEDES ET SYSTEMES D'ESTIMATION D'INFORMATIONS TRIDIMENSIONNELLES A PARTIR DE DESSINS CONCEPTUELS BIDIMENSIONNELS**
[72] SHEFFER, ALLA, CA
[72] SINGH, KARAN, CA
[72] BOUSSEAU, ADRIEN, FR
[72] CHANG, WILL, CA
[72] XU, BAOXUAN, CA
[72] MCCRAE, JAMES, CA
[71] THE UNIVERSITY OF BRITISH COLUMIBA, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[71] INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, FR
[85] 2016-10-27
[86] 2015-04-16 (PCT/CA2015/050319)
[87] (WO2015/157868)
[30] US (61/981,573) 2014-04-18

---

[21] **2,947,183**
[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **CENTRALLY OPTIMIZED VARIABLE LENGTH CODING FOR SOURCE ROUTED MULTICAST**
[54] **CODAGE A LONGUEUR VARIABLE OPTIMISE CENTRALEMENT POUR UNE MULTIDIFFUSION A ROUTAGE DE SOURCE**
[72] ROCH, EVELYNE, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-10-27
[86] 2015-04-28 (PCT/CN2015/077701)
[87] (WO2015/165383)
[30] US (61/985,227) 2014-04-28
[30] US (14/574,059) 2014-12-17

---

[21] **2,947,184**
[13] A1
[51] **Int.Cl. H04B 7/06 (2006.01)**
[25] EN
[54] **MULTIPLE-ANTENNA DATA TRANSMISSION METHOD, BASE STATION, USER EQUIPMENT, AND SYSTEM**
[54] **PROCEDE DE TRANSMISSION DE DONNEES A ANTENNES MULTIPLES, STATION DE BASE, EQUIPEMENT UTILISATEUR ET SYSTEME**
[72] WU, YE, CN
[72] QIAO, DELI, CN
[72] WANG, LEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-10-27
[86] 2014-04-28 (PCT/CN2014/076370)
[87] (WO2015/165005)

---

[21] **2,947,186**
[13] A1
[51] **Int.Cl. C08F 4/649 (2006.01) C08F 10/02 (2006.01) C08F 10/06 (2006.01)**
[25] EN
[54] **MAGNESIUM HALIDE SOLUTION, PREPARING METHOD AND USE THEREOF**
[54] **SOLUTION D'HALOGENURE DE MAGNESIUM, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] WANG, SHIBO, CN
[72] ZHOU, JUNLING, CN
[72] LIU, DONGBING, CN
[72] ZHANG, LEI, CN
[72] LV, XINPING, CN
[72] MAO, BINGQUAN, CN
[72] LIU, ZHENJIE, CN
[72] ZHOU, XIN, CN
[72] ZHANG, CHANGLI, CN
[72] XING, BAOQUAN, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[85] 2016-10-27
[86] 2015-04-29 (PCT/CN2015/077801)
[87] (WO2015/165402)
[30] CN (201410180571.8) 2014-04-29
[30] CN (201410176196.X) 2014-04-29
[30] CN (201410176117.5) 2014-04-29

---

[21] **2,947,187**
[13] A1
[51] **Int.Cl. A01K 1/015 (2006.01)**
[25] EN
[54] **POULTRY BEDDING**
[54] **LITIERE DE VOLAILLE**
[72] OESTERGAARD, JACOB, DK
[71] OESTERGAARD, JACOB, DK
[71] OESTERGAARD, KAJ, DK
[85] 2016-10-27
[86] 2015-04-28 (PCT/DK2015/050109)
[87] (WO2015/165473)
[30] DK (PA 2014 70251) 2014-04-29

---

[21] **2,947,189**
[13] A1
[51] **Int.Cl. C08F 4/649 (2006.01) C08F 4/654 (2006.01) C08F 10/00 (2006.01)**
[25] EN
[54] **PREPARATION METHOD OF A CATALYST COMPONENT FOR OLEFIN POLYMERIZATION**
[54] **PROCEDE DE PREPARATION D'UN COMPOSANT DE CATALYSEUR UTILISE POUR LA POLYMERISATION DES OLEFINES**
[72] WANG, SHIBO, CN
[72] ZHOU, JUNLING, CN
[72] LIU, DONGBING, CN
[72] ZHANG, LEI, CN
[72] LV, XINPING, CN
[72] MAO, BINGQUAN, CN
[72] LIU, ZHENJIE, CN
[72] ZHOU, XIN, CN
[72] ZHANG, CHANGLI, CN
[72] XING, BAOQUAN, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[85] 2016-10-27
[86] 2015-04-29 (PCT/CN2015/077844)
[87] (WO2015/165405)
[30] CN (201410176103.3) 2014-04-29
[30] CN (201410177203.8) 2014-04-29
[30] CN (201410176105.2) 2014-04-29
[30] CN (201410176229.0) 2014-04-29
[30] CN (201410177192.3) 2014-04-29
[30] CN (201410176179.6) 2014-04-29
[30] CN (201410177228.8) 2014-04-29

[21] **2,947,190**
[13] A1
[51] **Int.Cl. C01B 25/234 (2006.01) C05B 1/04 (2006.01)**
[25] EN
[54] **METHOD FOR PURIFYING RAW PHOSPHORIC ACID (E.G., MGA ACID) BY ADDING ASHES ORIGINATING FROM WASTE INCINERATION PLANTS, COMPRISING THE PRODUCTION OF PURE PHOSPHORIC ACID, CALCIUM SULFATE, WATER-SOLUBLE CALCIUM HYDROGEN PHOSPHATES AND METAL SALT SOLUTION**
[54] **PROCEDE DE PURIFICATION D'ACIDE PHOSPHORIQUE BRUT (PAR EXEMPLE D'ACIDE DE QUALITE MGA) PAR AJOUT DE CENDRES PROVENANT D'INSTALLATIONS D'INCINERATION DE DECHETS, COMPRENANT L'OBTENTION D'ACIDE PHOSPHORIQUE PUR, DE SULFATE DE CALCIUM, D'HYDROGENOPHOSPHATES DE CALCIUM AQUEUX ET D'UNE SOLUTION DE SELS METALLIQUES**
[72] LEHMKUHL, JOSEF, DE
[72] LEBEK, MARTIN, DE
[71] REMONDIS AQUA GMBH & CO. KG, DE
[85] 2016-10-27
[86] 2014-05-20 (PCT/EP2014/001360)
[87] (WO2015/165481)
[30] DE (10 2014 006 278.3) 2014-05-02

---

[21] **2,947,201**
[13] A1
[51] **Int.Cl. A61B 17/221 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **CLOT RETRIEVAL SYSTEM**
[54] **SYSTEME D'EXTRACTION DE CAILLOT**
[72] ULM, ARTHUR JOHN, III, US
[71] LEGACY VENTURES LLC, US
[85] 2016-11-01
[86] 2015-05-18 (PCT/US2015/031447)
[87] (WO2015/179324)
[30] US (61/994,919) 2014-05-18
[30] US (61/994,934) 2014-05-18
[30] US (14/558,712) 2014-12-02
[30] US (14/558,705) 2014-12-02
[30] US (PCT/US2015/010178) 2015-01-05

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,888,569**
[13] A1
[51] **Int.Cl. G06Q 20/10 (2012.01) H04W 12/06 (2009.01) H04W 76/02 (2009.01) H04W 84/18 (2009.01) G06Q 20/32 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD OF PAYMENT BETWEEN MOBILE DEVICES VIA BLUETOOTH AUTHENTICATION**
[54] **SYSTEME ET METHODE DE PAIEMENT ENTRE DISPOSITIFS MOBILES PAR AUTHENTIFICATION BLUETOOTH**
[72] MOHEBI, MONIR M.M., CA
[71] MOHEBI, MONIR M.M., CA
[22] 2015-04-23
[41] 2016-10-23

---

[21] **2,888,854**
[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) H04W 4/00 (2009.01) A45C 11/04 (2006.01) G02C 9/02 (2006.01) G02C 11/06 (2006.01) G06F 1/16 (2006.01) G06F 1/26 (2006.01) G06F 3/01 (2006.01) G06F 3/048 (2013.01) G06F 15/00 (2006.01) G06F 17/00 (2006.01) H02J 7/00 (2006.01) H04B 7/26 (2006.01) H04N 7/18 (2006.01) G06F 17/50 (2006.01)**
[25] EN
[54] **BEST WEARABLE MOBIL DEVICE**
[54] **MEILLEUR APPAREIL MOBILE PORTABLE**
[72] VOON, GERARD, CA
[71] VOON, GERARD, CA
[22] 2015-04-24
[41] 2016-10-24

---

[21] **2,888,857**
[13] A1
[51] **Int.Cl. H01M 2/02 (2006.01) H01M 10/65 (2014.01) H01M 2/12 (2006.01) H01M 6/50 (2006.01)**
[25] FR
[54] **HEAT REGULATOR FOR BATTERY**
[54] **REGULATEUR THERMIQUE POUR BATTERIE**
[72] POULIN-PIERRE, SAMY-LAEL S. L. S., CA
[71] POULIN-PIERRE, SAMY-LAEL S. L. S., CA
[22] 2015-04-24
[41] 2016-10-24

---

[21] **2,888,866**
[13] A1
[51] **Int.Cl. C09K 8/04 (2006.01)**
[25] EN
[54] **POLYMERIC ENCAPSULANT FOR AQUEOUS DRILLING FLUID**
[54] **ENCAPSULANT POLYMERE DESTINE A UN LIQUIDE DE FORAGE AQUEUX**
[72] MIRZAEI, AMIR A., CA
[72] RAD, HIRBOD, CA
[71] MIRZAEI, AMIR A., CA
[71] RAD, HIRBOD, CA
[22] 2015-04-24
[41] 2016-10-24

---

[21] **2,888,910**
[13] A1
[51] **Int.Cl. A61F 9/06 (2006.01)**
[25] EN
[54] **COLD WEATHER WELDING MASK HAVING HEATED FORCED AIR MEANS**
[54] **MASQUE DE SOUDEUR POUR TEMPS FROID DOTE DE DISPOSITIFS D'AIR FORCE CHAUFFE**
[72] NORTH, KELVIN, CA
[71] NORTH, KELVIN, CA
[22] 2015-04-27
[41] 2016-10-27

---

[21] **2,889,177**
[13] A1
[51] **Int.Cl. G06Q 40/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR STREAMLINED CONSUMER MORTGAGE MATCHING AND FULFILMENT**
[54] **SYSTEME ET METHODE DE MISE EN CONCORDANCE ET DE REALISATION SIMPLIFIEES DE PRET HYPOTHECAIRE AU CONSOMMATEUR**
[72] NEUFELDT, CONRAD, CA
[71] NEUCOM DATA CORP., CA
[22] 2015-04-23
[41] 2016-10-23

---

[21] **2,889,205**
[13] A1
[51] **Int.Cl. A61B 90/00 (2016.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING 3D GEOMETRIC DISTORTION IN MRI AND CT IMAGES**
[54] **METHODE ET APPAREIL DE MESURE DE LA DISTORSION GEOMETRIQUE 3D DANS LES IMAGES PAR IRM ET TOMODENSITOMETRIE**
[72] HOLDSWORTH, DAVID W., CA
[72] TEETER, MATTHEW G., CA
[72] MILNER, JACQUES S., CA
[72] POLLMANN, STEVEN I., CA
[72] DRANGOVA, MARIA, CA
[71] HOLDSWORTH, DAVID W., CA
[71] TEETER, MATTHEW G., CA
[71] MILNER, JACQUES S., CA
[71] POLLMANN, STEVEN I., CA
[71] DRANGOVA, MARIA, CA
[22] 2015-04-23
[41] 2016-10-23

[21] **2,889,217**
[13] A1
[51] **Int.Cl. A61B 8/00 (2006.01) A61B 8/13 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING VOLUME OF IRREGULARY-SHAPED SPACE**
[54] **METHODE DE DETERMINATION DU VOLUME D'UN ESPACE DE FORME IRREGULIERE**
[72] QIU, WU, CA
[72] FENSTER, AARON, CA
[71] QIU, WU, CA
[71] FENSTER, AARON, CA
[22] 2015-04-23
[41] 2016-10-23

---

[21] **2,889,230**
[13] A1
[51] **Int.Cl. A61F 7/00 (2006.01) A61H 23/02 (2006.01)**
[25] EN
[54] **MASSAGE DEVICE**
[54] **DISPOSITIF DE MASSAGE**
[72] YANG, CHENG-CHUAN, TW
[71] YANG, CHENG-CHUAN, TW
[22] 2015-04-24
[41] 2016-10-24

---

[21] **2,889,231**
[13] A1
[51] **Int.Cl. A63B 21/04 (2006.01)**
[25] EN
[54] **MOUNTABLE BAND CONNECTOR FITNESS DEVICE**
[54] **DISPOSITIF DE RACCORDEMENT DE BANDE D'EXERCICE INSTALLABLE**
[72] NEAL-BUHLER, MATTHEW J., CA
[71] NEAL-BUHLER, MATTHEW J., CA
[22] 2015-04-27
[41] 2016-10-27

---

[21] **2,889,235**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR ANALYSIS, RETRIEVAL AND TAGGING RELEVANT REVIEWS**
[54] **SYSTEME ET METHODES D'ANALYSE, D'EXTRACTION ET DE MARQUAGE DE CRITIQUES PERTINENTES**
[72] MULROONEY-COTE, STEPHAN L., CA
[71] MULROONEY-COTE, STEPHAN L., CA
[22] 2015-04-27
[41] 2016-10-27

---

[21] **2,889,237**
[13] A1
[51] **Int.Cl. B62H 1/02 (2006.01)**
[25] EN
[54] **KICKSTAND ASSEMBLY HAVING GEAR ASSEMBLY**
[54] **MECANISME DE BEQUILLE DOTE D'UN DISPOSITIF A ENGRENAGE**
[72] LARONDE, TIMOTHY, CA
[71] LARONDE, TIMOTHY, CA
[22] 2015-04-27
[41] 2016-10-27

---

[21] **2,889,361**
[13] A1
[51] **Int.Cl. C01G 41/02 (2006.01) B01J 2/00 (2006.01) B22F 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR HIGH EFFICIENCY TUNGSTEN OXIDE & TUNGSTEN OXIDE COMPOUND NANOPARTICLE CREATION**
[54] **PROCEDE DE CREATION D'OXYDE DE TUNGSTENE HAUTE EFFICACITE ET DE NANOPARTICULE DE COMPOSE D'OXYDE DE TUNGSTENE**
[72] HOTTE, KENNETH PAUL, CA
[71] HOTTE, KENNETH PAUL, CA
[22] 2015-04-28
[41] 2016-10-28

---

[21] **2,889,363**
[13] A1
[51] **Int.Cl. G01B 3/00 (2006.01) B25H 7/00 (2006.01) G01B 3/02 (2006.01) G01B 3/10 (2006.01) G01C 9/00 (2006.01) G01C 9/24 (2006.01)**
[25] EN
[54] **FLEXIBLE STRAIGHTEDGE AND LEVEL**
[54] **REBORD DROIT ET NIVEAU SOUPLE**
[72] SKRABAK, DENNIS, US
[71] ROMAN DECORATING PRODUCTS LLC, US
[22] 2015-04-28
[41] 2016-10-24
[30] US (14/696,262) 2015-04-24

---

[21] **2,889,369**
[13] A1
[51] **Int.Cl. H02N 99/00 (2006.01) F03H 99/00 (2009.01)**
[25] EN
[54] **POLARIZED ELECTROMAGNETIC ARMATURE SPHERE AND UTILIZATION IN THE GYROSCOPIC ELECTROMAGNETIC MOMENTUM DRIVE SYSTEM, POGO DRIVE, AND PEAS RAIL GUN**
[54] **SPHERE D'ARMATURE ELECTROMAGNETIQUE POLARISEE ET UTILISATION DANS LE SYSTEME D'ENTRAINEMENT A MOMENT ELECTROMAGNETIQUE GYROSCOPIQUE, L'ENTRAINEMENT POGO ET LE LANCEUR A RAILS DE SPHERE D'ARMATURE ELECTROMAGNETIQUE POLARISEE**
[72] MILLER, BENJAMIN R., CA
[71] MILLER, BENJAMIN R., CA
[22] 2015-04-29
[41] 2016-10-29

[21] **2,889,370**
[13] A1
[51] **Int.Cl. E05B 1/02 (2006.01)**
[25] EN
[54] **ANTI-LIGATURE AND ANTI-MICROBIAL DOOR HANDLE**
[54] **POIGNEE DE PORTE ANTI-LIGATURE ET ANTI-MICROBIENNE**
[72] BROW, GEORGES RAYMOND, CA
[71] BROW, GEORGES RAYMOND, CA
[22] 2015-04-23
[41] 2016-10-23

---

[21] **2,889,401**
[13] A1
[51] **Int.Cl. F24D 13/02 (2006.01) F24D 19/10 (2006.01) H05B 1/02 (2006.01) H05B 3/02 (2006.01)**
[25] EN
[54] **ELECTRICAL HEATING APPARATUS, IN PARTICULAR UNDERFLOOR HEATING**
[54] **APPAREIL DE CHAUFFAGE ELECTRIQUE, EN PARTICULIER CHAUFFAGE SOUS PLANCHER**
[72] HEMSTEDT, ANDREAS, DE
[71] HEMSTEDT GMBH, DE
[22] 2015-04-24
[41] 2016-10-24

---

[21] **2,889,405**
[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01) B01D 15/10 (2006.01)**
[25] EN
[54] **METHODS AND COLUMNS FOR NUCLEIC ACID PURIFICATION**
[54] **METHODES ET COLONNES DESTINEES A LA PURIFICATION D'ACIDE NUCLEIQUE**
[72] HAJ-AHMAD, YOUSEF, CA
[71] NORGEN BIOTEK CORP., CA
[22] 2015-04-28
[41] 2016-10-27
[30] US (14/696,837) 2015-04-27

---

[21] **2,889,431**
[13] A1
[51] **Int.Cl. F24F 13/32 (2006.01) F24F 1/60 (2011.01) E04B 7/18 (2006.01) F16M 11/00 (2006.01)**
[25] EN
[54] **AIR CONDITIONER PLATFORM**
[54] **PLATEFORME DE CONDITIONNEUR D'AIR**
[72] AZAR, TONY, CA
[71] AZAR, TONY, CA
[22] 2015-04-24
[41] 2016-10-24

---

[21] **2,889,565**
[13] A1
[51] **Int.Cl. E21B 17/10 (2006.01) E21B 19/24 (2006.01) E21D 20/00 (2006.01)**
[25] EN
[54] **ELASTOMERIC CENTRALIZER BASE FOR ROCK DRILLING SYSTEM**
[54] **BASE DE CENTRALISATEUR ELASTOMERIQUE DESTINEE A UN SYSTEME DE FORAGE DU ROC**
[72] NELSON, YVES, CA
[71] 1311854 ONTARIO LIMITED, CA
[22] 2015-04-28
[41] 2016-10-28

---

[21] **2,889,586**
[13] A1
[51] **Int.Cl. C10G 1/04 (2006.01)**
[25] EN
[54] **RECOVERY OF HEAVY MINERALS FROM OIL SANDS TAILINGS**
[54] **RECUPERATION DE MINERAUX LOURDS DE RESIDUS DE SABLES BITUMINEUX**
[72] OMOTOSO, OLADIPO, CA
[72] MOISAN, BRENT ALLEN, CA
[72] MEKETA, MATTHEW, US
[72] XIA, JIYANG, CN
[72] ANTLE, RYAN, US
[71] SUNCOR ENERGY INC., CA
[22] 2015-04-27
[41] 2016-10-27

---

[21] **2,889,598**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/14 (2006.01) E21B 43/241 (2006.01)**
[25] EN
[54] **IN SITU HYDROCARBON RECOVERY WITH INJECTION OF FLUID INTO IHS AND UPPER PAY ZONE VIA VERTICAL WELL**
[54] **RECUPERATION D'HYDROCARBURE SUR PLACE PAR INJECTION DE FLUIDE DANS LA STRATE HETEROLITHIQUE INCLINEE ET DANS LA ZONE PAYANTE SUPERIEURE PAR UN PUITS VERTICAL**
[72] ZHU, HONG, CA
[72] KING, ROBERT WAYNE, CA
[71] SUNCOR ENERGY INC., CA
[22] 2015-04-23
[41] 2016-10-23

---

[21] **2,889,613**
[13] A1
[51] **Int.Cl. B65D 88/12 (2006.01)**
[25] EN
[54] **METHOD FOR SHIPPING OIL-SAND BITUMEN WITHOUT ADDING HAZARDOUS VOLATILE THINNERS**
[54] **METHODE D'EXPEDITION DE BITUME DE SABLES BITUMINEUX SANS AJOUT DE DILUANTS VOLATILES DANGEREUX**
[72] MCCONNACHIE, PETER NAIRN, CA
[71] MCCONNACHIE, PETER NAIRN, CA
[22] 2015-04-27
[41] 2016-10-27

---

[21] **2,889,771**
[13] A1
[51] **Int.Cl. A01N 25/30 (2006.01) A01N 57/20 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITION**
[54] **COMPOSITION HERBICIDE**
[72] DI MODUGNO, ROCCO, US
[72] FORNARA, DARIO, IT
[72] FLORIDI, GIOVANNI, IT
[72] LI BASSI, GIUSEPPE, IT
[71] LAMBERTI SPA, IT
[22] 2015-04-28
[41] 2016-10-28

[21] **2,889,872**
[13] A1
[51] **Int.Cl. H01R 13/639 (2006.01)**
[25] EN
[54] **LOCKING ELECTRICAL SOCKET**
[54] **PRISE ELECTRIQUE VERROUILLABLE**
[72] JIAN, HU, CN
[71] JIAN, HU, CN
[22] 2015-04-30
[41] 2016-10-29
[30] US (14/699247) 2015-04-29

---

[21] **2,889,965**
[13] A1
[51] **Int.Cl. E21B 19/07 (2006.01)**
[25] FR
[54] **SAFETY DEVICE FOR EXTRACTING AND INSERTING DRILLING RODS**
[54] **DISPOSITIF DE SECURITE POUR L'EXTRACTION ET L'INSERTION DES TIGES DE FORAGE**
[72] BOUCHER, DENIS, CA
[71] BOUCHER, DENIS, CA
[22] 2015-04-27
[41] 2016-10-27

---

[21] **2,889,982**
[13] A1
[51] **Int.Cl. G01J 3/28 (2006.01) G06Q 30/06 (2012.01) G01N 21/01 (2006.01) G06F 1/16 (2006.01) G06K 19/06 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SPECTROSCOPIC ANALYSIS OF VINIFICATION LIQUIDS USING CODED SAMPLE CONTAINERS**
[54] **APPAREIL ET METHODE DESTINES A L'ANALYSE PAR SPECTROSCOPIE DE LIQUIDES DE VINIFICATION EMPLOYANT DES CONTENANTS D'ECHANTILLON CODES**
[72] GUSSAKOVSKY, EUGENE, CA
[72] GUSSAKOVSKY, EFIM, CA
[71] BL PHOTONICS INC., CA
[22] 2015-04-29
[41] 2016-10-29

---

[21] **2,894,043**
[13] A1
[51] **Int.Cl. B07B 1/14 (2006.01)**
[25] EN
[54] **DISK SCREEN FOR SEPARATING SOLID MATERIALS**
[54] **FILTRE A DISQUE DESTINE A LA SEPARATION DE MATIERES SOLIDES**
[72] CAPPOZZO, DOMENICO, IT
[71] ECOSTAR S.R.L., IT
[22] 2015-06-09
[41] 2016-10-23
[30] IT (PD2015A000086) 2015-04-23

---

[21] **2,905,891**
[13] A1
[51] **Int.Cl. E21B 43/30 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **A PAD DRILLING METHOD FOR DRILLING MULTIPLE WELLS AND A MULTI-WELL PAD SYSTEM EMPLOYING THE SAME**
[54] **UNE METHODE DE FORAGE SUR SOCLE SERVANT A FORER PLUSIEURS PUITS ET UN SYSTEME DE SOCLE MULTIPUITS EMPLOYANT LADITE METHODE**
[72] LEROUX, ASHLEY, CA
[71] TUNDRA PROCESS SOLUTIONS LTD., CA
[22] 2015-10-01
[41] 2016-10-24
[30] US (62/152,616) 2015-04-24

---

[21] **2,909,388**
[13] A1
[51] **Int.Cl. B03B 9/02 (2006.01) B01D 21/01 (2006.01)**
[25] EN
[54] **OIL SANDS FLUID FINE TAILINGS DEWATERING USING ADDITIVES**
[54] **ASSECHEMENT DE RESIDUS FINS DE LIQUIDES DE SABLES BITUMINEUX AU MOYEN D'ADDITIFS**
[72] YUAN, SIMON, CA
[72] LORENTZ, JAMES, CA
[72] SIMAN, RON, CA
[72] GU, YONG JOE, CA
[71] SYNCRUDE CANADA LTD., CA
[22] 2015-10-16
[41] 2016-10-24
[30] US (62/152,429) 2015-04-24

---

[21] **2,912,898**
[13] A1
[51] **Int.Cl. B03B 9/02 (2006.01) B01D 21/01 (2006.01) B03D 1/02 (2006.01)**
[25] EN
[54] **CLAY FLOTATION OF TAILINGS**
[54] **FLOTTATION A L'ARGILE DES RESIDUS**
[72] YUAN, SIMON, CA
[72] LORENTZ, JAMES, CA
[72] GU, YONG (JOE), CA
[72] SIMAN, RON, CA
[71] SYNCRUDE CANADA LTD., CA
[22] 2015-11-17
[41] 2016-10-24
[30] US (62/152,450) 2015-04-24

---

[21] **2,913,348**
[13] A1
[51] **Int.Cl. G06Q 30/08 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PERFORMING ACTIONS OF AN AUCTION OF A PRODUCT OR SERVICE THROUGH A COMMUNICATION NETWORK**
[54] **METHODE ET SYSTEME DESTINES A L'EXECUTION D'ACTIONS LIEES A L'ENCHERE D'UN PRODUIT OU D'UN SERVICE MENEE SUR UN RESEAU DE COMMUNICATION**
[72] MONTEIRO, LUCIANO TRINDADE DE SOUSA, BR
[71] MONTEIRO, LUCIANO TRINDADE DE SOUSA, BR
[22] 2015-11-25
[41] 2016-10-27
[30] BR (BR102015009454-0) 2015-04-27

---

[21] **2,915,327**
[13] A1
[51] **Int.Cl. A01B 33/08 (2006.01) A01B 1/14 (2006.01)**
[25] EN
[54] **ROTARY TILLER DEVICE WITH INTERCHANGEABLE TORQUEING APPARATUS AND ROTARY SHANK**
[54] **MECANISME DE BARRE ROTATIVE DOTE D'UN DISPOSITIF D'EXERCICE DE COUPLE INTERCHANGEABLE ET D'UN ARBRE ROTATIF**
[72] MARKEN, FREDRICK R., US
[71] MARKEN, FREDRICK R., US
[22] 2015-12-15
[41] 2016-10-27
[30] US (62/153,093) 2015-04-27

[21] **2,916,336**
[13] A1
[51] **Int.Cl. B63B 17/02 (2006.01) B63C 1/00 (2006.01) E04F 10/00 (2006.01)**
[25] EN
[54] **CANTILEVERED WATERCRAFT CANOPY**
[54] **ABRI D'EMBARCATION EN PORTE-A-FAUX**
[72] LEVIN, KERRY, US
[71] DESIGNER DIRECT, INC., US
[22] 2015-12-29
[41] 2016-10-26
[30] US (62152969) 2015-04-26
[30] US (14697584) 2015-04-27

---

[21] **2,919,505**
[13] A1
[51] **Int.Cl. A62B 1/20 (2006.01)**
[25] EN
[54] **SOFT COVER RELEASE MECHANISM FOR EVACUATION SLIDES**
[54] **MECANISME DE DEGAGEMENT DE COUVERCLE SOUPLE DESTINE A DES TOBOGGANS D'EVACUATION**
[72] SCHMIDT, RYAN, US
[72] RITZEMA RAUTENBACH, HELPERUS, US
[71] GOODRICH CORPORATION, US
[22] 2016-01-28
[41] 2016-10-23
[30] US (14/694,769) 2015-04-23

---

[21] **2,920,026**
[13] A1
[51] **Int.Cl. B64D 47/00 (2006.01) B64D 43/00 (2006.01) G07C 5/08 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **AIRCRAFT OPERATIONAL ANOMALY DETECTION**
[54] **DETECTION D'ANOMALIE FONCTIONNELLE D'UN AERONEF**
[72] HAUKOM, MICHAEL JAMES, US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2016-02-03
[41] 2016-10-29
[30] US (62/154,275) 2015-04-29

---

[21] **2,920,209**
[13] A1
[51] **Int.Cl. A23L 19/00 (2016.01) A23B 7/02 (2006.01) A23B 7/153 (2006.01) A23N 12/02 (2006.01)**
[25] EN
[54] **PROCESSED CAULIFLOWER AND CAULIFLOWER PROCESSING METHOD**
[54] **CHOU-FLEUR TRAITE ET METHODE DE TRAITEMENT DE CHOU-FLEUR**
[72] LEMONS, KEL EUGENE, US
[72] STEPIEN, BRIAN, US
[71] GROWERS EXPRESS, LLC, US
[22] 2016-02-05
[41] 2016-10-25
[30] US (62/152,867) 2015-04-25
[30] US (14/938,557) 2015-11-11

---

[21] **2,920,290**
[13] A1
[51] **Int.Cl. B66F 3/35 (2006.01) E01C 23/10 (2006.01) E02D 37/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS OF APPLYING FORCES USING FOLDED HOSES**
[54] **METHODES ET SYSTEMES D'EXERCICE DE FORCES EMPLOYANT DES TUYAUX PLIES**
[72] ASPLIN, CHARLES L., US
[71] ASPLIN, CHARLES L., US
[22] 2016-02-08
[41] 2016-10-24
[30] US (14695484) 2015-04-24

---

[21] **2,921,033**
[13] A1
[51] **Int.Cl. G05B 17/02 (2006.01) B25J 9/18 (2006.01) G05D 7/06 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM ARCHITECTURE FOR CONTROL SYSTEMS VIA KNOWLEDGE LAYOUT SEARCH**
[54] **ARCHITECTURE DE SYSTEME DESTINEE A DES SYSTEMES DE CONTROLE AU MOYEN DE RECHERCHE DE REPRESENTATION DE CONNAISSANCE**
[72] MARKEY, NIGEL ROBERT, GB
[72] GOMADAM, KARTHIK, US
[72] TUNG, TERESA SHEAUSAN, US
[72] DUGGAN, DESMOND, US
[72] ENEMARK, ALLAN, US
[72] TANEJA, KUNAL, US
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2016-02-16
[41] 2016-10-24
[30] US (14/695,409) 2015-04-24

---

[21] **2,921,050**
[13] A1
[51] **Int.Cl. H01R 13/717 (2006.01) H01B 3/18 (2006.01) H01B 9/00 (2006.01) H01R 13/46 (2006.01) B23K 37/00 (2006.01)**
[25] EN
[54] **ELECTRIC CABLE FOR USE IN A WELDING DEVICE**
[54] **CABLE ELECTRIQUE DESTINE A UN APPAREIL DE SOUDAGE**
[72] MAYER-ROSA, MICHAEL, DE
[72] BAYER, THOMAS, DE
[72] KAMMERER, ANDREAS, DE
[71] BALLUFF GMBH, DE
[22] 2016-02-16
[41] 2016-10-29
[30] DE (20 2015 102 166.6) 2015-04-29

[21] **2,921,059**
[13] A1
[51] **Int.Cl. H01R 13/717 (2006.01) B23K 9/32 (2006.01) H01B 3/18 (2006.01) H01B 9/00 (2006.01) H01R 13/46 (2006.01)**
[25] EN
[54] **INSERT MOULDED CABLE FOR USE IN A WELDING DEVICE**
[54] **CABLE MOULE POUR INSERTION DESTINE A UN APPAREIL DE SOUDURE**
[72] MAYER-ROSA, MICHAEL, DE
[72] BAYER, THOMAS, DE
[72] KAMMERER, ANDREAS, DE
[71] BALLUFF GMBH, DE
[22] 2016-02-16
[41] 2016-10-29
[30] DE (20 2015 102 167.4) 2015-04-29

---

[21] **2,921,606**
[13] A1
[51] **Int.Cl. A61F 2/12 (2006.01)**
[25] EN
[54] **PROSTHESIS FOR SUPPORTING A BREAST STRUCTURE**
[54] **PROTHESE DESTINEE A SOUTENIR UNE STRUCTURE DE SEIN**
[72] DOUCET, GENEVIEVE, FR
[72] BRUNE, THIERRY, FR
[72] COUDERC, XAVIER, FR
[72] BEAUSSERON-VALENTIN, CECILE, FR
[71] SOFRADIM PRODUCTION, FR
[22] 2016-02-24
[41] 2016-10-24
[30] EP (15305634.6) 2015-04-24

---

[21] **2,922,682**
[13] A1
[51] **Int.Cl. F16K 1/42 (2006.01) E21B 34/02 (2006.01)**
[25] EN
[54] **A VALVE ASSEMBLY**
[54] **UN MECANISME DE SOUPAPE**
[72] DILLE, MARK C., US
[71] FORUM US, INC., US
[22] 2016-03-03
[41] 2016-10-27
[30] US (14/697,204) 2015-04-27

---

[21] **2,923,037**
[13] A1
[51] **Int.Cl. A01D 41/127 (2006.01)**
[25] EN
[54] **HARVESTING SYSTEM WITH A SELF-PROPELLED HARVESTER**
[54] **MECANISME DE RECOLTE DOTE D'UN APPAREIL DE RECOLTE AUTOPROPULSE**
[72] WILKEN, ANDREAS, DE
[72] HEITMANN, CHRISTOPH, DE
[72] BORMANN, BASTIAN, DE
[72] BAUMGARTEN, JOACHIM, DE
[72] NEU, SEBASTIAN, DE
[72] KETTELHOIT, BORIS, DE
[72] KRAUSE, THILO, DE
[72] BUSSMANN, CHRISTOPH, DE
[72] VOCKING, HENNER, DE
[72] HERTER, FELIX, DE
[71] CLAAS SELBSTFAHRENDE ERNTEMASCHINEN GMBH, DE
[22] 2016-03-07
[41] 2016-10-24
[30] DE (10 2015 106 302.6) 2015-04-24

---

[21] **2,923,066**
[13] A1
[51] **Int.Cl. A47J 36/34 (2006.01) A47J 37/07 (2006.01)**
[25] EN
[54] **STAND FOR DUTCH OVEN**
[54] **SUPPORT POUR FAIT-TOUT**
[72] HUANG, KUO-CHAN, TW
[71] INDUSTRO INTERNATIONAL CO., LTD., TW
[22] 2016-03-07
[41] 2016-10-23
[30] TW (104112950) 2015-04-23

---

[21] **2,923,069**
[13] A1
[51] **Int.Cl. A47J 37/07 (2006.01)**
[25] EN
[54] **COAL TRAY ASSEMBLY OF A BARBECUE GRILL**
[54] **PLATEAU A CHARBON DESTINE A UN GRILL DE BARBECUE**
[72] HUANG, KUO-CHAN, TW
[71] INDUSTRO INTERNATIONAL CO., LTD., TW
[22] 2016-03-07
[41] 2016-10-23
[30] TW (104112951) 2015-04-23

---

[21] **2,923,550**
[13] A1
[51] **Int.Cl. B62D 63/08 (2006.01) B60R 21/00 (2006.01) B62D 33/02 (2006.01) E04G 21/32 (2006.01)**
[25] EN
[54] **SAFETY RAIL FOR A FLATBED TRAILER**
[54] **RAIL DE SECURITE POUR REMORQUE A PLATEFORME**
[72] CONNY, DAWN M., US
[71] SAFE D RAIL, INC., US
[22] 2016-03-11
[41] 2016-10-23
[30] US (14/694,455) 2015-04-23

---

[21] **2,924,687**
[13] A1
[51] **Int.Cl. B29C 53/08 (2006.01) B29C 53/84 (2006.01)**
[25] EN
[54] **PLASTIC TUBE BENDING METHOD AND APPARATUS**
[54] **METHODE DE PLIAGE DE TUBE DE PLASTIQUE ET APPAREIL**
[72] WEINHARDT, HENRY D., CA
[72] WEINHARDT, DANIEL, CA
[72] SHWERY, ROBERT M., CA
[71] CMP AUTOMATION INC., CA
[22] 2016-03-17
[41] 2016-10-23
[30] CA (62/151,669) 2015-04-23

---

[21] **2,924,849**
[13] A1
[51] **Int.Cl. G01M 3/28 (2006.01) F17D 5/02 (2006.01)**
[25] EN
[54] **PIPELINE LEAK DETECTION SYSTEM**
[54] **MECANISME DE DETECTION DE FUITE DANS UN PIPELINE**
[72] LIU, WILLOW ZHU, CA
[71] MEDENG RESEARCH INSTITUTE LTD., CA
[22] 2016-03-23
[41] 2016-10-29
[30] US (14/699,523) 2015-04-29

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,924,853**
[13] A1
[51] **Int.Cl. F01D 25/20 (2006.01) F01D 25/18 (2006.01) F02C 7/06 (2006.01)**
[25] EN
[54] **CONTROLLER MODULATED OIL SYSTEM FOR A GAS TURBINE PROPULSION SYSTEM**
[54] **DISPOSITIF D'HUILE MODULE PAR UN CONTROLEUR DESTINE A UN SYSTEME DE PROPULSION PAR TURBINE A GAZ**
[72] ZELLER, ROBERT J., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2016-03-23
[41] 2016-10-28
[30] US (62/153,804) 2015-04-28

[21] **2,924,855**
[13] A1
[51] **Int.Cl. F01D 9/04 (2006.01) F01D 11/08 (2006.01)**
[25] EN
[54] **KEYSTONED BLADE TRACK**
[54] **SILLAGE DE PALE A DISTORSION TRAPEZOIDALE**
[72] VETTERS, DANIEL K., US
[72] SIPPEL, AARON D., US
[72] THOMAS, DAVID J., US
[72] EIFERT, ANDREW J., US
[72] DAVIS, PAUL A., GB
[72] JONES, SIMON L., GB
[72] HILLIER, STEVEN, GB
[72] BROADHEAD, PETER, GB
[72] VARNEY, BRUCE F., US
[72] WALSTON, JEFFREY A., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[71] ROLLS-ROYCE PLC, GB
[22] 2016-03-23
[41] 2016-10-29
[30] US (62/154,400) 2015-04-29
[30] US (62/154,461) 2015-04-29

[21] **2,924,866**
[13] A1
[51] **Int.Cl. F01D 9/04 (2006.01) F01D 11/08 (2006.01)**
[25] EN
[54] **COMPOSITE KEYSTONED BLADE TRACK**
[54] **SILLAGE DE PALE A DISTORSION TRAPEZOIDALE EN COMPOSITE**
[72] VETTERS, DANIEL K., US
[72] SIPPEL, AARON D., US
[72] THOMAS, DAVID J., US
[72] EIFERT, ANDREW J., US
[72] DAVIS, PAUL A., GB
[72] JONES, SIMON L., GB
[72] HILLIER, STEVEN, GB
[72] BROADHEAD, PETER, GB
[72] VARNEY, BRUCE F., US
[72] WALSTON, JEFFREY A., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[71] ROLLS-ROYCE PLC, GB
[22] 2016-03-23
[41] 2016-10-29
[30] US (62/154,400) 2015-04-29
[30] US (62/154,461) 2015-04-29

[21] **2,925,135**
[13] A1
[51] **Int.Cl. B60R 16/02 (2006.01) H04W 4/00 (2009.01) H04W 84/00 (2009.01) G08C 17/02 (2006.01) G08G 1/123 (2006.01)**
[25] EN
[54] **REMOTE FUNCTION CONTROL SYSTEM FOR A VEHICLE HAVING A DATA COMMUNICATIONS BUS AND RELATED METHODS**
[54] **MECANISME DE COMMANDE DE FONCTION A DISTANCE DESTINE A UN VEHICULE DOTE D'UN BUS DE COMMUNICATION DE DONNEES ET METHODES ASSOCIEES**
[72] FLICK, KENNETH E., US
[71] OMEGA PATENTS, L.L.C., US
[22] 2016-03-24
[41] 2016-10-28
[30] US (14/697,913) 2015-04-28

[21] **2,925,481**
[13] A1
[51] **Int.Cl. A61B 17/115 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **CUTTING RING ASSEMBLY WITH RIGID CUTTING MEMBER**
[54] **MECANISME D'ANNEAU DE COUPE DOTE D'UN ELEMENT DE COUPE RIGIDE**
[72] SCIRICA, PAUL A., US
[72] JOYCE, STEVEN, US
[72] WILLIAMS, JUSTIN, US
[72] KOLLAR, CHARLES, US
[72] PENNA, CHRISTOPHER, US
[71] COVIDIEN LP, US
[22] 2016-03-31
[41] 2016-10-29
[30] US (62/154,213) 2015-04-29
[30] US (15/072,420) 2016-03-17

[21] **2,925,482**
[13] A1
[51] **Int.Cl. A61B 50/30 (2016.01) A61B 50/36 (2016.01)**
[25] EN
[54] **STORAGE DEVICE FOR MEDICAL COMPONENTS AND METHOD OF USE**
[54] **DISPOSITIF DE STOCKAGE DE COMPOSANTES MEDICALES ET METHODE D'UTILISATION**
[72] SNIFFIN, KEVIN, US
[72] NADIG, DIVYA VIJAYA VITTALA, US
[71] COVIDIEN LP, US
[22] 2016-03-31
[41] 2016-10-23
[30] US (62/151,459) 2015-04-23
[30] US (15/072,500) 2016-03-17

[21] **2,925,522**
[13] A1
[51] **Int.Cl. A44B 5/00 (2006.01)**
[25] EN
[54] **CUFFLINK**
[54] **BOUTON DE MANCHETTE**
[72] LAVOIE, ROLAND G., CA
[71] LAVOIE, ROLAND G., CA
[22] 2016-03-30
[41] 2016-10-28
[30] US (14/698,458) 2015-04-28

[21] **2,925,563**
[13] A1
[51] **Int.Cl. B65D 75/04 (2006.01) B65D 75/62 (2006.01) B65D 85/00 (2006.01)**
[25] EN
[54] **A FLAT PACKAGE FOR A SURGICAL MESH AND A METHOD OF PACKAGING A SURGICAL MESH IN SAID PACKAGE**
[54] **UN EMBALLAGE PLAT DESTINE A UNE MAILLE CHIRURGICALE ET UNE METHODE DE CONDITIONNEMENT D'UNE MAILLE CHIRURGICALE DANS LEDIT EMBALLAGE**
[72] FERRAND, REBECCA, FR
[72] VAIL, THOMAS, FR
[72] GREPINET, BARBARA, FR
[71] SOFRADIM PRODUCTION, FR
[22] 2016-03-30
[41] 2016-10-23
[30] EP (15305620.5) 2015-04-23

---

[21] **2,925,588**
[13] A1
[51] **Int.Cl. F01D 11/08 (2006.01) C04B 37/02 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **BRAZED BLADE TRACK FOR A GAS TURBINE ENGINE**
[54] **SILLAGE DE PALE BRASE DESTINE A UNE TURBINE A GAZ**
[72] SIPPEL, AARON D., US
[72] VETTERS, DANIEL K., US
[72] SHI, JUN, US
[72] THOMAS, DAVID J., US
[72] EIFERT, ANDREW J., US
[72] BROADHEAD, PETER, US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[71] ROLLS-ROYCE PLC, GB
[22] 2016-03-30
[41] 2016-10-29
[30] US (62/154,440) 2015-04-29

---

[21] **2,925,606**
[13] A1
[51] **Int.Cl. A61K 31/717 (2006.01) A61L 27/20 (2006.01) A61P 7/04 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **RESORBABLE OXIDIZED CELLULOSE EMBOLIZATION SOLUTION**
[54] **SOLUTION D'EMBOLISATION PAR CELLULOSE OXYDEE RESORBABLE**
[72] OHRI, RACHIT, US
[72] BLASKOVICH, PHILLIP D., US
[71] COVIDIEN LP, US
[22] 2016-03-30
[41] 2016-10-23
[30] US (14/694,112) 2015-04-23

---

[21] **2,925,669**
[13] A1
[51] **Int.Cl. A61M 39/06 (2006.01) A61M 39/22 (2006.01)**
[25] EN
[54] **AN AUTOMATIC MEDICAL VALVE WITH A VARIABLE DIAMETER SEAL**
[54] **UNE VALVE MEDICALE AUTOMATIQUE DOTEE D'UN JOINT A DIAMETRE VARIABLE**
[72] FURNISH, GREG, US
[72] APPLING, ANTHONY, US
[72] MORRIS, BENJAMIN, US
[71] FREUDENBERG MEDICAL, LLC, US
[22] 2016-03-31
[41] 2016-10-23
[30] US (62/151,835) 2015-04-23
[30] US (14/736,099) 2015-05-29

---

[21] **2,925,671**
[13] A1
[51] **Int.Cl. F16L 3/233 (2006.01)**
[25] EN
[54] **ACCORDIAN STRAP WITH FORMED WAVES**
[54] **COURROIE EN ACCORDEON DOTEE DE VAGUES INTEGREES**
[72] FREEMAN, BENJAMIN DAVID, US
[71] THOMAS & BETTS INTERNATIONAL LLC, US
[22] 2016-03-31
[41] 2016-10-29
[30] US (62/154,355) 2015-04-29

---

[21] **2,925,845**
[13] A1
[51] **Int.Cl. A61F 13/45 (2006.01) A61F 13/15 (2006.01) A61F 13/38 (2006.01)**
[25] EN
[54] **SWAB WITH ANNULAR GROOVES**
[54] **ECOUVILLON DOTE DE RAINURES ANNULAIRES**
[72] POURBABA, FRED, US
[72] POURBABA, OLIVER NATHAN, US
[71] FILO AMERICA, US
[22] 2016-04-05
[41] 2016-10-24
[30] US (14/695,911) 2015-04-24

---

[21] **2,925,847**
[13] A1
[51] **Int.Cl. F16K 31/70 (2006.01) F16K 31/64 (2006.01) F28F 27/02 (2006.01)**
[25] EN
[54] **SHAPE MEMORY ALLOYS**
[54] **ALLIAGES A MEMOIRE DE FORME**
[72] FREDERIKSEN, BJARNE, DK
[72] HOLING, NIELS GREGERSEN, DK
[72] MARKVART, ARNE, DK
[72] SIGURDSSON, HARALDUR, DK
[72] BALZARINI, GAIA, IT
[71] DANFOSS A/S, DK
[22] 2016-04-04
[41] 2016-10-23
[30] EP (15164763.3) 2015-04-23

---

[21] **2,926,086**
[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01) A61M 36/12 (2006.01)**
[25] EN
[54] **BUTTRESS BRACHYTHERAPY AND INTEGRATED STAPLE LINE MARKERS FOR MARGIN IDENTIFICATION**
[54] **APPUI POUR BRACHYTHERAPIE ET MARQUEURS DE LIGNE D'AGRAFAGE INTEGRES DESTINES A L'IDENTIFICATION DE MARGE**
[72] RACENET, DAVID, US
[72] HODGKINSON, GERALD, US
[72] GLEIMAN, SETH, US
[71] COVIDIEN LP, US
[22] 2016-04-01
[41] 2016-10-29
[30] US (14/699,179) 2015-04-29

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,926,120**
[13] A1
[51] **Int.Cl. F16C 32/04 (2006.01) F16F 15/30 (2006.01) H02K 7/09 (2006.01)**
[25] EN
[54] **ROTARY MACHINE**
[54] **MACHINE ROTATIVE**
[72] CARRASCO, EDUARDO, FR
[71] SKF MAGNETIC MECHATRONICS, FR
[22] 2016-04-05
[41] 2016-10-29
[30] EP (15305658.5) 2015-04-29

[21] **2,926,279**
[13] A1
[51] **Int.Cl. C08L 77/12 (2006.01) B33Y 10/00 (2015.01) B33Y 70/00 (2015.01)**
[25] EN
[54] **POLYESTERAMIDE FOR 3D PRINTING**
[54] **POLYESTERAMIDE DESTINE A L'IMPRESSION 3D**
[72] SACRIPANTE, GUERINO G., CA
[72] ZHOU, KE, CA
[72] ABUKAR, TASNIM, CA
[71] XEROX CORPORATION, US
[22] 2016-04-05
[41] 2016-10-24
[30] US (14/695480) 2015-04-24

[21] **2,926,283**
[13] A1
[51] **Int.Cl. C08G 69/44 (2006.01) B33Y 10/00 (2015.01) B33Y 70/00 (2015.01) C08L 77/12 (2006.01)**
[25] EN
[54] **COPOLYMERS FOR 3D PRINTING**
[54] **COPOLYMERES DESTINES A L'IMPRESSION 3D**
[72] SACRIPANTE, GUERINO G., CA
[72] ZHOU, KE, CA
[72] ABUKAR, TASNIM, CA
[71] XEROX CORPORATION, US
[22] 2016-04-05
[41] 2016-10-24
[30] US (14/695664) 2015-04-24

[21] **2,926,352**
[13] A1
[51] **Int.Cl. G05B 19/042 (2006.01) G05B 19/18 (2006.01)**
[25] EN
[54] **PROCESS CONTROL SYSTEM, MAINTENANCE SUPPORT DEVICE, AND CONTROLLER**
[54] **MECANISME DE CONTROLE DE PROCEDE, DISPOSITIF DE SOUTIEN D'ENTRETIEN ET CONTROLEUR**
[72] ISHIKAWA, KENJI, JP
[72] HORIKOSHI, YU, JP
[72] OOTSUKA, YUUSAKU, JP
[71] HITACHI, LTD., JP
[71] HITACHI INDUSTRY & CONTROL SOLUTIONS, LTD., AF
[22] 2016-04-07
[41] 2016-10-28
[30] JP (2015-091688) 2015-04-28

[21] **2,926,359**
[13] A1
[51] **Int.Cl. G05B 19/048 (2006.01) G05B 19/042 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM AND INFORMATION MONITORING METHOD IN CONTROL SYSTEM**
[54] **MECANISME DE CONTROLE ET METHODE DE SURVEILLANCE D'INFORMATION DANS LE MECANISME DE CONTROLE**
[72] ISHIHARA, YOUICHI, JP
[72] UEMURA, KAZUNORI, JP
[72] OOTSUKA, YUUSAKU, JP
[71] HITACHI, LTD., JP
[22] 2016-04-07
[41] 2016-10-24
[30] JP (2015-088993) 2015-04-24

[21] **2,926,504**
[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SEPARATING SYNTHESIS GASES**
[54] **METHODE ET APPAREIL DE SEPARATION DE GAZ SYNTHETIQUES**
[72] BOHN, JAN-PETER, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[22] 2016-04-07
[41] 2016-10-23
[30] DE (10 2015 005 203.9) 2015-04-23

[21] **2,926,671**
[13] A1
[51] **Int.Cl. B65D 85/00 (2006.01) A61F 2/02 (2006.01) A61L 2/20 (2006.01)**
[25] EN
[54] **PACKAGE FOR A SURGICAL MESH**
[54] **EMBALLAGE DESTINE A UNE MAILLE CHIRURGICALE**
[72] FERRAND, REBECCA, FR
[72] VAIL, THOMAS, FR
[72] GREPINET, BARBARA, FR
[71] SOFRADIM PRODUCTION, FR
[22] 2016-04-08
[41] 2016-10-23
[30] EP (15305621.3) 2015-04-23

[21] **2,926,958**
[13] A1
[51] **Int.Cl. A61B 5/055 (2006.01) A61B 5/026 (2006.01)**
[25] EN
[54] **FLOW ANALYSIS IN 4D MR IMAGE DATA**
[54] **ANALYSE DE FLUX EN DONNEES IMAGES MR 4D**
[72] CONTINI, ENRICO, NL
[72] ABEN, JEAN-PAUL, NL
[72] KOEHN, DENNIS, NL
[72] REINARTZ, RIANNE, NL
[71] PIE MEDICAL IMAGING B.V., NL
[22] 2016-04-14
[41] 2016-10-24
[30] EP (EP15164979.5) 2015-04-24

[21] **2,926,993**
[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) H02J 3/00 (2006.01)**
[25] EN
[54] **WHOLE HOUSE AND POWER SYSTEM ANALYSIS VIA GRID CONNECTED APPLIANCE**
[54] **ANALYSE DE SYSTEME ELECTRIQUE ET DOMESTIQUE COMPLETE AU MOYEN D'UN APPAREIL RELIE AU RESEAU**
[72] MCCULLOUGH, JASON, US
[72] REHBERG, ERIC, US
[71] BATTELLE MEMORIAL INSTITUTE, US
[22] 2016-04-12
[41] 2016-10-24
[30] US (62/152,418) 2015-04-24

[21] **2,927,035**
[13] A1
[51] **Int.Cl. F01D 11/12 (2006.01) F01D 5/20 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **ROTOR ASSEMBLY WITH WEAR MEMBER**
[54] **MECANISME DE ROTOR DOTE D'UN ELEMENT D'USURE**
[72] MACCHIA, ENZO, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-04-12
[41] 2016-10-23
[30] US (14/694,029) 2015-04-23

---

[21] **2,927,037**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 5/14 (2006.01) F01D 11/12 (2006.01)**
[25] EN
[54] **ROTOR ASSEMBLY WITH SCOOP**
[54] **MECANISME DE ROTOR DOTE D'UN GODET**
[72] MACCHIA, ENZO, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-04-12
[41] 2016-10-23
[30] US (14/694,032) 2015-04-23

---

[21] **2,927,197**
[13] A1
[51] **Int.Cl. F03D 13/10 (2016.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REPLACING A SINGLE WIND TURBINE BLADE**
[54] **METHODE ET SYSTEME DESTINES AU REMPLACEMENT D'UNE SEULE PALE D'EOLIENNE**
[72] NEUMANN, ULRICH WERNER, US
[72] COSTAIN, KEVIN THOMAS, US
[72] HACH, FORREST CHRISTOPHER, US
[72] JOHNSON, MICHAEL ROYCE, US
[72] PFEIFFER, GAYLON MITCHELL, US
[72] REDD, RODNEY ROBERT, II, US
[72] WILLMAN, STEPHANIE LOHBERG, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-04-14
[41] 2016-10-27
[30] US (14/697,054) 2015-04-27

---

[21] **2,927,260**
[13] A1
[51] **Int.Cl. B29C 70/30 (2006.01) B29C 63/00 (2006.01) B65H 37/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING TAPE ENDS OF A COMPOSITE LAYUP MACHINE**
[54] **SYSTEME ET METHODE DE SURVEILLANCE DES EXTREMITES D'UN RUBAN D'UNE MACHINE DE DISPOSITION ETAGEE DE COMPOSITE**
[72] HARDING, KEVIN GEORGE, US
[72] NAFIS, CHRISTOPHER ALLEN, US
[72] TAIT, ROBERT WILLIAM, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-04-14
[41] 2016-10-20
[30] US (14/690,700) 2015-04-20

---

[21] **2,927,272**
[13] A1
[51] **Int.Cl. H02M 1/12 (2006.01) H02M 5/04 (2006.01)**
[25] EN
[54] **ELECTRICAL COUPLER, POWER CONVERTER, AND METHOD**
[54] **DISPOSITIF DE RACCORDEMENT ELECTRIQUE, CONVERTISSEUR D'ALIMENTATION ET METHODE**
[72] WANG, JUN, CN
[72] ZHANG, FAN, CN
[72] ZHANG, RICHARD S., FR
[72] ZHANG, YINGQI, CN
[72] LINDHOLM, BRIAN ERIC, US
[72] LAN, LIN, CN
[72] ZHAO, YAZHU, CN
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LTD, GB
[22] 2016-04-14
[41] 2016-10-27
[30] CN (201510206919.0) 2015-04-27

---

[21] **2,927,277**
[13] A1
[51] **Int.Cl. G01M 15/05 (2006.01) F02B 77/08 (2006.01) F02D 45/00 (2006.01)**
[25] EN
[54] **KNOCK SENSOR SYSTEMS AND METHODS FOR DETECTION OF COMPONENT CONDITIONS**
[54] **MECANISMES DE DETECTEURS DE COGNEMENTS ET METHODES DE DETECTION D'ETATS DE COMPOSANTES**
[72] BIZUB, JEFFREY JACOB, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-04-14
[41] 2016-10-24
[30] US (14/695,335) 2015-04-24

---

[21] **2,927,295**
[13] A1
[51] **Int.Cl. H04N 19/467 (2014.01) H04N 19/136 (2014.01) H04N 5/222 (2006.01) H04N 5/335 (2011.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PROCESSING A VIDEO STREAM IN A VIDEO CAMERA**
[54] **METHODE ET DISPOSITIF DE TRAITEMENT D'UN FLUX VIDEO DANS UNE CAMERA VIDEO**
[72] YUAN, SONG, SE
[72] MARTINS, ALEXANDRE, SE
[71] AXIS AB, SE
[22] 2016-04-14
[41] 2016-10-23
[30] EP (15164848.2) 2015-04-23

---

[21] **2,927,347**
[13] A1
[51] **Int.Cl. F25J 1/02 (2006.01)**
[25] EN
[54] **INTEGRATED METHANE REFRIGERATION SYSTEM FOR LIQUEFYING NATURAL GAS**
[54] **SYSTEME DE REFRIGERATION AU METHANE INTEGRE DESTINE AU GAZ NATUREL LIQUEFIE**
[72] ROBERTS, MARK JULIAN, US
[72] CHEN, FEI, US
[72] LIU, YANG, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2016-04-18
[41] 2016-10-24
[30] US (14/695,521) 2015-04-24

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,927,385**
[13] A1
[51] **Int.Cl. E02F 3/43 (2006.01) E02F 9/20 (2006.01)**
[25] EN
[54] **DIPPER DROP DETECTION AND MITIGATION IN AN INDUSTRIAL MACHINE**
[54] **DETECTION ET ATTENUATION DE BAISSE DE PLONGEUR DANS UNE MACHINE INDUSTRIELLE**
[72] VOELZ, NICHOLAS R., US
[71] HARNISCHFEGER TECHNOLOGIES, INC., US
[22] 2016-04-20
[41] 2016-10-24
[30] US (14/695,294) 2015-04-24

[21] **2,927,469**
[13] A1
[51] **Int.Cl. G01P 3/00 (2006.01) G01D 5/00 (2006.01) G01D 5/12 (2006.01) G01P 3/44 (2006.01)**
[25] EN
[54] **COMBINED RADIAL POSITION AND SPEED SENSOR ASSEMBLY**
[54] **ENSEMBLE DE CAPTEUR COMBINANT LA POSITION RADIALE ET LA VITESSE**
[72] SCHROEDER, ULRICH, FR
[72] BARBEY, BERTRAND, FR
[72] BAUDELOCQUE, LUC, FR
[72] NESBITT, MATTHEW, CA
[72] SO, UDELL, CA
[71] SKF CANADA LIMITED, CA
[71] SKF MAGNETIC MECHATRONICS, FR
[22] 2016-04-19
[41] 2016-10-23
[30] US (14/675,094) 2015-04-23

[21] **2,927,496**
[13] A1
[51] **Int.Cl. H01H 71/46 (2006.01) H01H 83/20 (2006.01) H03K 17/567 (2006.01)**
[25] EN
[54] **DC CIRCUIT BREAKER AND METHOD OF USE**
[54] **DISJONCTEUR DE COURANT CONTINU ET METHODE D'UTILISATION**
[72] WANG RUXI, US
[72] PRABHAKARAN, SATISH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-04-21
[41] 2016-10-28
[30] US (14/698,576) 2015-04-28

[21] **2,927,520**
[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) H02P 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR NON-INVASIVE GENERATOR DAMPING TORQUE ESTIMATION**
[54] **SYSTEME ET METHODE D'ESTIMATION NON INVASIVE DE COUPLE D'ATTENUATION DE GENERATEUR**
[72] ACHARYA, NARESH, US
[72] CHAUDHURI, NILANJAN RAY, US
[72] BAONE, CHAITANYA ASHOK, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-04-21
[41] 2016-10-27
[30] US (14/697,284) 2015-04-27

[21] **2,927,524**
[13] A1
[51] **Int.Cl. H02J 9/00 (2006.01) B63J 99/00 (2009.01)**
[25] EN
[54] **POWER DISTRIBUTION SYSTEMS**
[54] **SYSTEMES DE DISTRIBUTION D'ENERGIE**
[72] LONG, TENG, GB
[72] WOOD, STEPHEN, GB
[72] MUPAMBIREYI, USHINDIBABA, GB
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LTD, GB
[22] 2016-04-21
[41] 2016-10-23
[30] EP (15164879.7) 2015-04-23

[21] **2,927,544**
[13] A1
[51] **Int.Cl. B62B 5/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR HOLDING CONTAINERS OPEN**
[54] **METHODE ET APPAREIL DE SUPPORT DE CONTENANTS OUVERTS**
[72] HENDRICK, CHRISTOPHER J., US
[72] CAUTION, STEPHEN, US
[71] WAL-MART STORES, INC., US
[22] 2016-04-19
[41] 2016-10-24
[30] US (62/152,140) 2015-04-24

[21] **2,927,700**
[13] A1
[51] **Int.Cl. G06Q 50/10 (2012.01)**
[25] EN
[54] **GENERATING AND PROVIDING A SELF-SERVICE DEMONSTRATION TO FACILITATE PERFORMANCE OF A SELF-SERVICE TASK**
[54] **PRODUCTION ET PRESTATION D'UNE DEMONSTRATION DE SERVICE AUTONOME VISANT A FACILITER LE RENDEMENT D'UNE TACHE DE SERVICE AUTONOME**
[72] ENGLES, EDWARD R., US
[72] KLIMEK, DAVID, US
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2016-04-20
[41] 2016-10-22
[30] US (14/692,831) 2015-04-22

[21] **2,927,736**
[13] A1
[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/454 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF 1-((2R,4R)-2-(1H-BENZO[D]IMIDAZOL-2-YL)-1-METHYLPIPERIDIN-4-YL)-3-(4-CYANOPHENYL)UREA MALEATE**
[54] **FORMES CRISTALLINES DE 1-((2R,4R)-2-(1H-BENZO[D]IMIDAZOL-2-YL)-1-METHYLPIPERIDINE-4-YL)-3-(4-CYANOPHENYL)UREE MALEATE**
[72] HANSEN, ERIC CHRISTIAN, US
[72] SEADEEK, CHRISTOPHER SCOTT, US
[71] PFIZER INC., US
[22] 2016-04-20
[41] 2016-10-24
[30] US (62/152,108) 2015-04-24

[21] **2,927,751**
[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) G06F 3/14 (2006.01) G09F 9/30 (2006.01)**
[25] EN
[54] **WEARABLE DISPLAY FOR USE WITH TOOL**
[54] **AFFICHEUR PORTABLE DESTINE A ETRE UTILISE AVEC UN OUTIL**
[72] COLEMAN, MICAH A., US
[72] WEBER, CHARLES, US
[71] JPW INDUSTRIES INC., US
[22] 2016-04-20
[41] 2016-10-24
[30] US (62/152,487) 2015-04-24
[30] US (15/131,107) 2016-04-18

[21] **2,927,753**
[13] A1
[51] **Int.Cl. B60K 20/00 (2006.01)**
[25] EN
[54] **CONTROL APPARATUS FOR VEHICLE**
[54] **APPAREIL DE COMMANDE DESTINE A UN VEHICULE**
[72] KUWAHARA, SEIJI, JP
[72] HOSHIYA, KAZUMI, JP
[72] ASAHARA, NORIMI, JP
[72] ITO, YOSHIO, JP
[72] ENDO, TAKAHITO, JP
[72] FUJIYOSHI, TADASHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2016-04-21
[41] 2016-10-24
[30] JP (2015-088967) 2015-04-24

[21] **2,927,780**
[13] A1
[51] **Int.Cl. C09K 8/68 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **BORON SEQUESTRATION IN FRACTURING FLUIDS**
[54] **SEQUESTRATION DE BORE DANS LES FLUIDES DE FRACTURATION**
[72] LAWRENCE, SALLY, CA
[72] WARRENDER, NEIL, CA
[72] FOSTER, JACLYN, CA
[72] WASDAL, TIMOTHY, CA
[71] SANJEL CANADA LTD., CA
[22] 2016-04-25
[41] 2016-10-23
[30] US (62/151,737) 2015-04-23

[21] **2,927,781**
[13] A1
[51] **Int.Cl. C09K 8/04 (2006.01) E21B 21/00 (2006.01)**
[25] EN
[54] **POLYMERIC ENCAPSULANT FOR AQUEOUS DRILLING FLUID**
[54] **ENCAPSULANT POLYMERE DESTINE A UN LIQUIDE DE FORAGE AQUEUX**
[72] MIRZAEI, AMIR A., CA
[72] RAD, HIRBOD, CA
[71] MIRZAEI, AMIR A., CA
[71] RAD, HIRBOD, CA
[22] 2016-04-25
[41] 2016-10-24
[30] CA (2,888,866) 2015-04-24

[21] **2,927,782**
[13] A1
[51] **Int.Cl. C02F 1/00 (2006.01) B65D 90/02 (2006.01) B65D 90/34 (2006.01)**
[25] EN
[54] **INTERMODAL CONTAINER TANK STRUCTURE**
[54] **STRUCTURE DE RESERVOIR DE CONTENEUR INTERMODAL**
[72] DOWNEY, JASON, CA
[72] WILSON, BENJAMIN, CA
[72] KEMPSON, JEFFREY, CA
[71] NEWTERRA LTD., CA
[22] 2016-04-25
[41] 2016-10-28
[30] US (62153595) 2015-04-28

[21] **2,927,822**
[13] A1
[51] **Int.Cl. B66D 3/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING A WINCH**
[54] **SYSTEME ET METHODE DE SURVEILLANCE D'UN TREUIL**
[72] KOS, DUSTIN, CA
[72] WONG, TONY, CA
[72] BELANGER, MARLIN, CA
[71] OPTION INDUSTRIES INC., CA
[22] 2016-04-25
[41] 2016-10-28
[30] US (62/153,588) 2015-04-28

[21] **2,927,834**
[13] A1
[51] **Int.Cl. E04B 1/76 (2006.01) E04B 1/16 (2006.01) E04B 1/61 (2006.01) E04B 1/78 (2006.01) E04C 5/00 (2006.01)**
[25] EN
[54] **THERMAL INSULATION ELEMENT**
[54] **ELEMENT D'ISOLATION THERMIQUE**
[72] HOCHSTUHL, JOCHEN, DE
[72] FENCHEL, MARTIN, DE
[71] SCHOCK BAUTEILE GMBH, DE
[22] 2016-04-20
[41] 2016-10-23
[30] DE (102015106296.8) 2015-04-23

[21] **2,927,882**
[13] A1
[51] **Int.Cl. F04D 29/00 (2006.01) F04D 13/08 (2006.01) F04D 29/06 (2006.01) H02K 7/14 (2006.01)**
[25] EN
[54] **FLEXIBLE HOSE FOR BELLOWS PRESSURE EQUALIZER OF ELECTRICAL SUBMERSIBLE WELL PUMP**
[54] **TUYAU FLEXIBLE DESTINE A UN EGALISATEUR DE PRESSION A SOUFFLETS D'UNE POMPE DE PUITS SUBMERSIBLE ELECTRIQUE**
[72] PYRON, STEVEN W., US
[72] MCKINNEY, KELSEY A, US
[72] PATTERSON, ROBERT CLAY, US
[72] BIERIG, KEVIN R., US
[71] BAKER HUGHES INCORPORATED, US
[22] 2016-04-21
[41] 2016-10-23
[30] US (62/151661) 2015-04-23

[21] **2,927,886**
[13] A1
[51] **Int.Cl. A01G 25/16 (2006.01)**
[25] EN
[54] **IRRIGATION SYSTEM HAVING TERRAIN COMPENSATION**
[54] **SYSTEME D'IRRIGATION DOTE DE FONCTIONNALITE DE COMPENSATION DE TERRAIN**
[72] KREIKEMEIER, BRUCE, US
[71] VALMONT INDUSTRIES, INC., US
[22] 2016-04-22
[41] 2016-10-22
[30] US (62/150,927) 2015-04-22

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,927,910**
[13] A1
[51] **Int.Cl. E21B 33/06 (2006.01)**
[25] EN
[54] **AUTONOMOUS BLOWOUT PREVENTER**
[54] **DISPOSITIF DE PREVENTION D'EXPLOSION AUTONOME**
[72] PAPADIMITRIOU, STYLIANOS, US
[72] PAPADIMITRIOU, WANDA, US
[72] PAPADIMITRIOU, JASON A., US
[72] PAPADIMITRIOU, NICHOLAS A., US
[71] PAPADIMITRIOU, STYLIANOS, US
[71] PAPADIMITRIOU, WANDA, US
[71] PAPADIMITRIOU, JASON A., US
[71] PAPADIMITRIOU, NICHOLAS A., US
[22] 2016-04-22
[41] 2016-10-23
[30] US (62/151,627) 2015-04-23
[30] US (15/134,745) 2016-04-21

---

[21] **2,927,918**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 23/08 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **FLOW CONTROL IN SUBTERRANEAN WELLS**
[54] **CONTROLE D'ECOULEMENT DANS LES PUITS SOUTERRAINS**
[72] SCHULTZ, ROGER L., US
[72] WATSON, BROCK W., US
[72] FERGUSON, ANDREW, US
[71] THRU TUBING SOLUTIONS, INC., US
[22] 2016-04-20
[41] 2016-10-28
[30] US (14/698,578) 2015-04-28

---

[21] **2,927,935**
[13] A1
[51] **Int.Cl. H04L 12/709 (2013.01) H04W 24/04 (2009.01)**
[25] EN
[54] **(M+1)-FOR-M FERRITE REDUNDANCY SWITCH AND SWITCH SYSTEM**
[54] **INTERRUPTEUR REDONDANT EN FERRITE (M+1)-POUR-M ET MECANISME D'INTERRUPTEUR**
[72] KROENING, ADAM M., US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-04-21
[41] 2016-10-22
[30] US (14/693,599) 2015-04-22

---

[21] **2,927,936**
[13] A1
[51] **Int.Cl. C04B 14/04 (2006.01) E01F 9/524 (2016.01) C04B 26/00 (2006.01)**
[25] FR
[54] **TRAFFIC LANE COATINGS OR ASSOCIATED REFLECTIVE ELEMENTS, AND CORRESPONDING COMPOSITION**
[54] **REVETEMENTS DE CIRCULATION OU ELEMENTS CONNEXES REFLECHISSANTS, ET COMPOSITION CORRESPONDANTE**
[72] DEUDON, GUILLAUME, FR
[71] COLAS, FR
[22] 2016-04-21
[41] 2016-10-23
[30] FR (15 53635) 2015-04-23

---

[21] **2,927,963**
[13] A1
[51] **Int.Cl. F17C 13/00 (2006.01)**
[25] EN
[54] **FLUID TREATMENT TANK HAVING A DISTRIBUTOR PLATE**
[54] **RESERVOIR DE TRAITEMENT DE FLUIDE DOTE D'UNE PLAQUE DISTRIBUTRICE**
[72] VAUGHAN, DON, US
[71] CLACK CORPORATION, US
[22] 2016-04-22
[41] 2016-10-22
[30] US (62/151,022) 2015-04-22

---

[21] **2,927,969**
[13] A1
[51] **Int.Cl. A47B 77/18 (2006.01) A47B 77/00 (2006.01)**
[25] EN
[54] **DRAWER AND FRAMEWORK, IN PARTICULAR FOR SEPARATE WASTE COLLECTION**
[54] **TIROIR ET CADRE DE TRAVAIL, NOTAMMENT EN VUE DE SEPARER LA COLLECTE DE DECHETS**
[72] GOLLINUCCI, GIACOMO, IT
[71] GOLLINUCCI, GIACOMO, IT
[22] 2016-04-22
[41] 2016-10-22
[30] IT (BO2015U000032) 2015-04-22

---

[21] **2,927,973**
[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **PLUG-ACTUATED FLOW CONTROL MEMBER**
[54] **ELEMENT DE CONTROLE DE DEBIT ACTIONNE PAR UNE PRISE**
[72] RAVENSBERGEN, JOHN EDWARD, CA
[72] GETZLAF, DON, CA
[72] GILLIS, BROCK, CA
[72] JOHNSON, KEN, CA
[71] NCS MULTISTAGE INC., CA
[22] 2016-04-22
[41] 2016-10-24
[30] US (62/152,603) 2015-04-24

---

[21] **2,927,975**
[13] A1
[51] **Int.Cl. B60P 7/04 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **ROLL-UP TONNEAU COVER HAVING A TENSIONING MECHANISM AND A SIDEWAYS LATCH**
[54] **COUVERCLE DE TONNEAU ROULE COMPORTANT UN MECANISME TENDEUR ET UN VERROU LATERAL**
[72] WILLIAMSON, SCOTT, US
[72] KOSINSKI, DAVID, US
[72] YANG, MICHAEL, US
[72] YAN, XICHANG, CN
[72] TONG, JIANFENG, CN
[72] WEI, CHENGPING, CN
[71] RUGGED LINER, INC., US
[71] BEYOUND INDUSTRIES (NANJING) LIMITED, CN
[22] 2016-04-22
[41] 2016-10-23
[30] CN (201510195963.6) 2015-04-23

[21] **2,927,983**
[13] A1
[51] **Int.Cl. F04D 29/70 (2006.01) A01G 1/12 (2006.01) E01H 15/00 (2006.01) F04D 29/40 (2006.01)**
[25] EN
[54] **LEAF BLOWER HAVING A GUARD**
[54] **SOUFFLEUR DE FEUILLES DOTE D'UN PROTECTEUR**
[72] EAKINS, CHARLES A., JR., US
[72] DICKMAN, ERICK M., US
[71] AC (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2016-04-22
[41] 2016-10-23
[30] US (62/178,941) 2015-04-23

[21] **2,927,986**
[13] A1
[51] **Int.Cl. E04D 13/076 (2006.01)**
[25] EN
[54] **GUTTER CLEANING DEVICE**
[54] **APPAREIL DE NETTOYAGE DE GOUTTIERE**
[72] ASHTON-MILLER, JAMES ANTHONY, US
[72] TERRELL, JEFFREY E., US
[71] VIPER TOOL COMPANY, LLC, US
[22] 2016-04-22
[41] 2016-10-27
[30] US (14/697,603) 2015-04-27

[21] **2,927,989**
[13] A1
[51] **Int.Cl. B60W 20/40 (2016.01) B60W 20/30 (2016.01)**
[25] EN
[54] **CONTROL SYSTEM FOR HYBRID VEHICLE**
[54] **MECANISME DE COMMANDE POUR VEHICULE HYBRIDE**
[72] KINOSHITA, GOHKI, JP
[72] KANNO, YOSHIHITO, JP
[72] MORITA, HIROKI, JP
[72] IZUOKA, DAISUKE, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2016-04-22
[41] 2016-10-28
[30] JP (2015-091107) 2015-04-28

[21] **2,928,044**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/14 (2006.01)**
[25] EN
[54] **IN SITU HYDROCARBON RECOVERY FROM PAY ZONES BETWEEN LOW PERMEABILITY LAYERS IN A STRATIFIED RESERVOIR REGION**
[54] **RECUPERATION D'HYDROCARBURE SUR PLACE A PARTIR DE ZONES RICHES ENTRE DES COUCHES A FAIBLE PERMEABILITE DANS UNE REGION DE RESERVOIR STRATIFIE**
[72] ZHU, HONG, CA
[72] KING, ROBERT WAYNE, CA
[72] LASTIWKA, MARTIN, CA
[72] CHAN, RICHARD, CA
[71] SUNCOR ENERGY INC., CA
[22] 2016-04-22
[41] 2016-10-23
[30] CA (2,889,598) 2015-04-23

[21] **2,928,047**
[13] A1
[51] **Int.Cl. B64D 13/02 (2006.01) B64D 13/06 (2006.01) B64D 13/08 (2006.01)**
[25] EN
[54] **ENVIRONMENTAL CONTROL SYSTEM MIXING CABIN DISCHARGE AIR WITH BLEED AIR DURING A CYCLE**
[54] **SYSTEME DE CONTROLE ENVIRONNEMENTAL MELANGEANT L'AIR DE DECHARGE D'ENCEINTE ET L'AIR DE PRELEVEMENT PENDANT UN CYCLE**
[72] BRUNO, LOUIS J., US
[72] D'ORLANDO, PAUL M., US
[72] ARMY, DONALD E., JR., US
[72] ZYWIAK, THOMAS M., US
[72] HIPSKY, HAROLD W., US
[72] KLINE, ERIN G., US
[72] RUSICH, RICHARD, US
[72] MALJANIAN, JOHN M., JR., US
[72] SURAWSKI, ERIC, US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2016-04-22
[41] 2016-10-24
[30] US (14/695,543) 2015-04-24

[21] **2,928,048**
[13] A1
[51] **Int.Cl. B64D 13/02 (2006.01) B64D 13/00 (2006.01) B64D 13/06 (2006.01) F24F 11/00 (2006.01)**
[25] EN
[54] **ENVIRONMENTAL CONTROL SYSTEM UTILIZING CABIN DISCHARGE AIR TO POWER A CYCLE**
[54] **MECANISME DE CONTROLE ENVIRONNEMENTAL EMPLOYANT L'AIR DE DECHARGE D'UNE ENCEINTE POUR ALIMENTER UN CYCLE**
[72] BRUNO, LOUIS J., US
[72] SURAWSKI, ERIC, US
[72] ARMY, DONALD E., JR., US
[72] ZYWIAK, THOMAS M., US
[72] HIPSKY, HAROLD W., US
[72] KLINE, ERIN G., US
[72] RUSICH, RICHARD, US
[72] MALJANIAN, JOHN M., JR., US
[72] D'ORLANDO, PAUL M., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2016-04-22
[41] 2016-10-24
[30] US (14/695,537) 2015-04-24

[21] **2,928,049**
[13] A1
[51] **Int.Cl. B64D 13/02 (2006.01) B64D 13/06 (2006.01) B64D 13/08 (2006.01)**
[25] EN
[54] **ENVIRONMENTAL CONTROL SYSTEM MIXING CABIN DISCHARGE AIR WITH BLEED AIR DURING A CYCLE**
[54] **SYSTEME DE CONTROLE ENVIRONNEMENTAL MELANGEANT L'AIR DE DECHARGE D'ENCEINTE ET L'AIR DE PRELEVEMENT PENDANT UN CYCLE**
[72] BRUNO, LOUIS J., US
[72] ZYWIAK, THOMAS M., US
[72] ARMY, DONALD E., JR., US
[72] HIPSKY, HAROLD W., US
[72] RUSICH, RICHARD, US
[72] KLINE, ERIN G., US
[72] SURAWSKI, ERIC, US
[72] MALJANIAN, JOHN M., JR., US
[72] D'ORLANDO, PAUL M., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2016-04-22
[41] 2016-10-24
[30] US (14/695,550) 2015-04-24

[21] **2,928,050**
[13] A1
[51] **Int.Cl. H02K 1/12 (2006.01) H02K 1/02 (2006.01)**
[25] EN
[54] **STATOR FOR AC MOTOR FOR AN ELECTROMECHANICAL ACTUATOR (EMA)**
[54] **STATOR DESTINE A UN MOTEUR CA D'UN ACTIONNEUR ELECTROMECANIQUE**
[72] CANTAGREL, MARTIN, FR
[71] GOODRICH ACTUATION SYSTEMS SAS, FR
[22] 2016-04-22
[41] 2016-10-24
[30] EP (15165060.3) 2015-04-24

[21] **2,928,055**
[13] A1
[51] **Int.Cl. E21B 7/08 (2006.01) E21B 17/03 (2006.01) E21B 17/04 (2006.01) F16C 17/10 (2006.01) F16C 17/26 (2006.01)**
[25] EN
[54] **OFFSET SHAFT BEARING ASSEMBLY**
[54] **ENSEMBLE DE PALIER D'ARBRE DECALE**
[72] RITCHIE, SHELDON, US
[72] FEDDEMA, CHAD, US
[71] TURBO DRILL INDUSTRIES, INC., US
[22] 2016-04-22
[41] 2016-10-24
[30] US (62/152,606) 2015-04-24

[21] **2,928,057**
[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **INTELLIGENT ITEM TRACKING AND EXPEDITED ITEM REORDERING BY STAKEHOLDERS**
[54] **SUIVI INTELLIGENT D'ARTICLE ET RENOUVELLEMENT RAPIDE DE COMMANDE D'ARTICLE PAR LES INTERESSES**
[72] GOODWIN, IAN, US
[72] MASUD, FAISAL, US
[72] AGARWAL, SHIV, US
[72] BARTLEY, RYAN, US
[72] WALKER, M. STEVEN, US
[72] VEMANA, PRATABKUMAR, US
[71] STAPLES, INC., US
[22] 2016-04-22
[41] 2016-10-22
[30] US (62/151,389) 2015-04-22
[30] US (62/196,201) 2015-07-23

[21] **2,928,060**
[13] A1
[51] **Int.Cl. C07D 405/12 (2006.01) A61K 31/397 (2006.01) A61P 5/32 (2006.01) C07D 405/10 (2006.01)**
[25] EN
[54] **ANTI-ESTROGENIC COMPOUNDS**
[54] **COMPOSES ANTI-OESTROGENIQUES**
[72] HARMON, CYRUS L., US
[72] HODGES GALLAGHER, LESLIE CAROL, US
[72] KUSHNER, PETER J., US
[72] MYLES, DAVID C., US
[71] PFIZER INC., US
[22] 2016-04-22
[41] 2016-10-27
[30] US (62/153,097) 2015-04-27

[21] **2,928,063**
[13] A1
[51] **Int.Cl. E04B 1/41 (2006.01) E04B 2/02 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR THE THERMAL DECOUPLING OF CONCRETE BUILDING PARTS**
[54] **DISPOSITIF ET METHODE DE DECOUPLAGE THERMIQUE DE PARTIES DE BATIMENT EN BETON**
[72] HOCHSTUHL, JOCHEN, DE
[71] SCHOCK BAUTEILE GMBH, DE
[22] 2016-04-21
[41] 2016-10-23
[30] DE (102015106294.1) 2015-04-23

[21] **2,928,068**
[13] A1
[51] **Int.Cl. C02F 1/44 (2006.01) C02F 1/00 (2006.01)**
[25] EN
[54] **FLUID FILTRATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE FILTRAGE DE FLUIDE**
[72] ROCK, ROBERT G., US
[71] SST SYSTEMS, INC., US
[22] 2016-04-25
[41] 2016-10-24
[30] US (62/152,379) 2015-04-24

[21] **2,928,073**
[13] A1
[51] **Int.Cl. B60W 30/00 (2006.01) B60W 30/10 (2006.01) B60W 30/18 (2012.01)**
[25] EN
[54] **AUTOMATIC DRIVING VEHICLE SYSTEM**
[54] **DISPOSITIF DESTINE A UN VEHICULE A ENTRAINEMENT AUTOMATIQUE**
[72] KINDO, TOSHIKI, JP
[72] WATANABE, YOSHINORI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2016-04-25
[41] 2016-10-27
[30] JP (2015-090260) 2015-04-27

[21] **2,928,074**
[13] A1
[51] **Int.Cl. E01F 9/627 (2016.01) G09F 7/18 (2006.01)**
[25] EN
[54] **SIGN POST ASSEMBLY WITH IMPACT ABSORBING MECHANISM**
[54] **ENSEMBLE DE MONTANT D'AFFICHAGE DOTE D'UN MECANISME ABSORBANT LES CHOCS**
[72] MCCUE, DAVID S., US
[72] MESA, TEODORO A., US
[72] USTACH, THOMAS, US
[71] MCCUE CORPORATION, US
[22] 2016-04-25
[41] 2016-10-24
[30] US (62/152,412) 2015-04-24

---

[21] **2,928,077**
[13] A1
[51] **Int.Cl. G03B 17/56 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **APPARATUS WITH MIRROR COUPLED TO A MOBILE DEVICE**
[54] **APPAREIL DOTE D'UN MIROIR COUPLE A UN DISPOSITIF MOBILE**
[72] CARVALHO, MARLOS VILLELA RANGEL DE, BR
[71] RIBEIRO MARQUES, MARCIO, CA
[22] 2016-04-25
[41] 2016-10-23
[30] US (62/151,723) 2015-04-23

---

[21] **2,928,079**
[13] A1
[51] **Int.Cl. A62B 35/00 (2006.01)**
[25] EN
[54] **POLE CLIMBING FALL RESTRICTION ASSEMBLY**
[54] **MECANISME DE RESTRICTION DE CHUTE LORS DE L'ESCALADE DE POTEAU**
[72] TRUESDELL, KEVIN W., US
[72] RULLO, JAMES J., US
[71] BUCKINGHAM MANUFACTURING COMPANY, INC., US
[22] 2016-04-25
[41] 2016-10-24
[30] US (62/152,103) 2015-04-24

---

[21] **2,928,081**
[13] A1
[51] **Int.Cl. A63B 27/00 (2006.01)**
[25] EN
[54] **CAM ASSEMBLY FOR USE WITH POLE CLIMBING FALL RESTRICTION DEVICE**
[54] **MECANISME DE CAME DESTINE A UN DISPOSITIF DE RESTRICTION DE CHUTE LORS DE L'ESCALADE DE POTEAU**
[72] TRUESDELL, KEVIN W., US
[72] BATTY, TIMOTHY, US
[72] RULLO, JAMES J., US
[72] CANFIELD, DEFOREST C., US
[71] BUCKINGHAM MANUFACTURING COMPANY, INC., US
[22] 2016-04-25
[41] 2016-10-24
[30] US (62/152,085) 2015-04-24

---

[21] **2,928,106**
[13] A1
[51] **Int.Cl. G01P 15/00 (2006.01)**
[25] EN
[54] **SMART UTILITY TOWER/POLE MONITORING SYSTEM**
[54] **APPAREIL DE SURVEILLANCE DE TOUR/POTEAU INTELLIGENT DESTINE AUX SERVICES PUBLICS**
[72] VAN ZEE, RYAN, US
[72] CHRISTENSEN, TODD, US
[71] VAN ZEE, RYAN, US
[71] CHRISTENSEN, TODD, US
[22] 2016-04-25
[41] 2016-10-24
[30] US (14/695,366) 2015-04-24

---

[21] **2,928,110**
[13] A1
[51] **Int.Cl. A61L 9/05 (2006.01) A61L 9/02 (2006.01)**
[25] EN
[54] **DEVICE FOR CREATING AND DISTRIBUTING VAPORIZED SCENT**
[54] **DISPOSITIF DESTINE A CREER ET DISTRIBUER UN PARFUM VAPORISE**
[72] WYNALDA, ROBERT M., JR., US
[71] FOURTH ARROW, LLC, US
[22] 2016-04-25
[41] 2016-10-23
[30] US (62/151989) 2015-04-23
[30] US (62/156023) 2015-05-01
[30] US (62/163603) 2015-05-19
[30] US (14/941428) 2015-11-13
[30] US (62/266391) 2015-12-11
[30] US (62/275559) 2016-01-06
[30] US (62/276121) 2016-01-07
[30] US (62/286221) 2016-01-22
[30] US (62/290743) 2016-02-03
[30] US (62/298913) 2016-02-23

---

[21] **2,928,123**
[13] A1
[51] **Int.Cl. A62B 18/02 (2006.01) A41D 13/11 (2006.01) A61M 16/06 (2006.01)**
[25] EN
[54] **BREATH-POWERED VAPOR DISTRIBUTION DEVICE**
[54] **DISPOSITIF DE DISTRIBUTION DE VAPEUR ALIMENTE AU SOUFFLE**
[72] WYNALDA, ROBERT M., JR., US
[71] FOURTH ARROW, LLC, US
[22] 2016-04-25
[41] 2016-10-23
[30] US (62/151989) 2015-04-23
[30] US (62/156023) 2015-05-01
[30] US (62/163603) 2015-05-19
[30] US (14/941428) 2015-11-13
[30] US (62/266391) 2015-12-11
[30] US (62/275559) 2016-01-06
[30] US (62/276121) 2016-01-07
[30] US (62/286221) 2016-01-22
[30] US (62/290743) 2016-02-03
[30] US (62/298913) 2016-02-23

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,928,145**
[13] A1
[51] **Int.Cl. F21V 17/10 (2006.01) F21V 17/12 (2006.01) F21V 31/00 (2006.01) F21V 27/02 (2006.01)**
[25] EN
[54] **LIGHT FIXTURE DEVICE MOUNTING PLUG**
[54] **PRISE D'INSTALLATION DE DISPOSITIF D'APPAREIL D'ECLAIRAGE**
[72] GUERCIO, VINCENZO, US
[72] GAO, WENGANG, CN
[71] RAB LIGHTING INC., US
[22] 2016-04-25
[41] 2016-10-24
[30] US (62/152,800) 2015-04-24

---

[21] **2,928,163**
[13] A1
[51] **Int.Cl. H01P 1/161 (2006.01) H01P 1/213 (2006.01) H01Q 13/02 (2006.01)**
[25] EN
[54] **STRUCTURAL ANTENNA MODULE INCORPORATING ELEMENTARY RADIATING FEEDS WITH INDIVIDUAL ORIENTATION, RADIATING PANEL, RADIATING ARRAY AND MULTIBEAM ANTENNA COMPRISING AT LEAST ONE SUCHMODULE**
[54] **MODULE D'ANTENNE STRUCTURALE INTEGRANT DES SOURCES RAYONNANTES ELEMENTAIRES A ORIENTATION INDIVIDUELLE, UN PANNEAU RAYONNANT, UN RESEAU RAYONNANT ET ANTENNE MULTIFAISCEAU COMPORTANT UN TEL MODULE**
[72] BOSSHARD, PIERRE, FR
[72] FERRANDO, NICOLAS, FR
[72] LAFOND, JEAN-CHRISTOPHE, FR
[71] THALES, FR
[22] 2016-04-20
[41] 2016-10-24
[30] FR (1500870) 2015-04-24

---

[21] **2,928,165**
[13] A1
[51] **Int.Cl. H01Q 5/50 (2015.01) H01Q 5/28 (2015.01)**
[25] EN
[54] **ARCHITECTURE FOR AN ANTENNA WITH MULTIPLE FEEDS PER BEAM AND COMPRISING A MODULAR FOCAL ARRAY**
[54] **ARCHITECTURE D'UNE ANTENNE MULTISOURCES PAR FAISCEAU ET COMPORTANT UN RESEAU FOCAL MODULAIRE**
[72] BOSSHARD, PIERRE, FR
[72] ODIN, JEAN-CHRISTOPHE, FR
[72] SAINT MARTIN, OLIVIER, FR
[72] ANDRIEU, DANIEL, FR
[71] THALES, FR
[22] 2016-04-22
[41] 2016-10-24
[30] FR (1500871) 2015-04-24

---

[21] **2,928,211**
[13] A1
[51] **Int.Cl. E01C 13/08 (2006.01)**
[25] EN
[54] **MODULAR ROLLUP ARTIFICIAL TURF SYSTEM**
[54] **SYSTEME DE GAZON ARTIFICIEL ENROULABLE MODULAIRE**
[72] FOWLER, GREGORY D., US
[72] STRICKLEN, PHIL, US
[72] PORTER, LISA, US
[72] KERR, STEVE, US
[72] LIND, CHAD, US
[71] SHAW INDUSTRIES GROUP, INC., US
[71] DOLLAMUR, L.P., US
[22] 2016-04-26
[41] 2016-10-27
[30] US (62/153,225) 2015-04-27

---

[21] **2,928,233**
[13] A1
[51] **Int.Cl. G05B 19/042 (2006.01) G06F 15/16 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **DISTRIBUTED COMPUTING IN A PROCESS CONTROL ENVIRONMENT**
[54] **CALCUL DISTRIBUE DANS UN ENVIRONNEMENT DE CONTROLE DE TRAITEMENT**
[72] MACHA, RAJA RAMANA, US
[72] KLING, ANDREW LEE DAVID, US
[72] CAMINO, NESTOR JESUS, JR., US
[72] LUTH, JAMES GERARD, US
[72] LINSCOTT, RICHARD LINWOOD, US
[71] INVENSYS SYSTEMS, INC., US
[22] 2016-04-26
[41] 2016-10-28
[30] US (14/697,866) 2015-04-28

---

[21] **2,928,236**
[13] A1
[51] **Int.Cl. E21B 33/13 (2006.01) E21B 33/068 (2006.01) E21B 43/11 (2006.01)**
[25] EN
[54] **FLOW CONTROL IN SUBTERRANEAN WELLS**
[54] **CONTROLE D'ECOULEMENT DANS LES PUITS SOUTERRAINS**
[72] SCHULTZ, ROGER L., US
[72] WATSON, BROCK W., US
[72] FUNKHOUSER, GARY P., US
[72] FERGUSON, ANDREW M., US
[71] THRU TUBING SOLUTIONS, INC., US
[22] 2016-04-26
[41] 2016-10-28
[30] US (62/252,174) 2015-11-06
[30] US (PCT/US15/38248) 2015-06-29
[30] US (14/698,578) 2015-04-28

[21] **2,928,237**
[13] A1
[51] **Int.Cl. E21B 33/138 (2006.01)**
[25] EN
[54] **FIBROUS BARRIERS AND DEPLOYMENT IN SUBTERRANEAN WELLS**
[54] **BARRIERES FIBREUSES ET DEPLOIEMENT DANS LES PUITS SOUTERRAINS**
[72] WATSON, BROCK W., US
[72] FUNKHOUSER, GARY P., US
[72] SCHULTZ, ROGER L., US
[71] THRU TUBING SOLUTIONS, INC., US
[22] 2016-04-26
[41] 2016-10-28
[30] US (62/243,444) 2015-10-19
[30] US (62/195,078) 2015-07-21
[30] US (PCT/US15/38248) 2015-06-29
[30] US (14/698,578) 2015-04-28

---

[21] **2,928,239**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) C08L 29/04 (2006.01) C08L 31/04 (2006.01) C08L 33/02 (2006.01) E21B 33/13 (2006.01) E21B 43/11 (2006.01)**
[25] EN
[54] **FLOW CONTROL IN SUBTERRANEAN WELLS**
[54] **CONTROLE D'ECOULEMENT DANS LES PUITS SOUTERRAINS**
[72] SCHULTZ, ROGER L., US
[72] WATSON, BROCK W., US
[72] FERGUSON, ANDREW M., US
[72] FUNKHOUSER, GARY P., US
[71] THRU TUBING SOLUTIONS, INC., US
[22] 2016-04-26
[41] 2016-10-28
[30] US (62/252,174) 2015-11-06
[30] US (PCT/US15/38248) 2015-06-29
[30] US (14/698,578) 2015-04-28

---

[21] **2,928,245**
[13] A1
[51] **Int.Cl. E21B 33/13 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **FLOW CONTROL IN SUBTERRANEAN WELLS**
[54] **CONTROLE D'ECOULEMENT DANS LES PUITS SOUTERRAINS**
[72] SCHULTZ, ROGER L., US
[72] WATSON, BROCK W., US
[72] FERGUSON, ANDREW M., US
[72] FUNKHOUSER, GARY P., US
[71] THRU TUBING SOLUTIONS, INC., US
[22] 2016-04-26
[41] 2016-10-28
[30] US (62/252,174) 2015-11-06
[30] US (PCT/US15/38248) 2015-06-29
[30] US (14/698,578) 2015-04-28

---

[21] **2,928,256**
[13] A1
[51] **Int.Cl. E21B 33/13 (2006.01) C09K 8/44 (2006.01) C09K 8/50 (2006.01) E21B 23/00 (2006.01) E21B 33/068 (2006.01) E21B 43/11 (2006.01)**
[25] EN
[54] **FLOW CONTROL IN SUBTERRANEAN WELLS**
[54] **CONTROLE D'ECOULEMENT DANS LES PUITS SOUTERRAINS**
[72] SCHULTZ, ROGER L., US
[72] WATSON, BROCK W., US
[72] FERGUSON, ANDREW M., US
[72] FUNKHOUSER, GARY P., US
[71] THRU TUBING SOLUTIONS, INC., US
[22] 2016-04-26
[41] 2016-10-28
[30] US (62/252,174) 2015-11-06
[30] US (PCT/US15/38248) 2015-06-29
[30] US (14/698,578) 2015-04-28

---

[21] **2,928,257**
[13] A1
[51] **Int.Cl. E21B 33/13 (2006.01) E21B 23/00 (2006.01) E21B 33/068 (2006.01) E21B 43/11 (2006.01)**
[25] EN
[54] **PLUGGING DEVICE DEPLOYMENT IN SUBTERRANEAN WELLS**
[54] **DEPLOIEMENT DE DISPOSITIF DE BOUCHON DANS LES PUITS SOUTERRAINS**
[72] WATSON, BROCK W., US
[72] FERGUSON, ANDREW M., US
[72] FUNKHOUSER, GARY P., US
[72] ROBERTSON, JENNA N., US
[72] SCHULTZ, ROGER L., US
[71] THRU TUBING SOLUTIONS, INC., US
[22] 2016-04-26
[41] 2016-10-28
[30] US (62/243,444) 2015-10-19
[30] US (62/195,078) 2015-07-21
[30] US (14/698,578) 2015-04-28
[30] US (PCT/US15/38248) 2015-06-29

---

[21] **2,928,266**
[13] A1
[51] **Int.Cl. A46B 15/00 (2006.01)**
[25] EN
[54] **HAIRBRUSH WITH IMPROVED TEMPERATURE CHARACTERISTICS**
[54] **BROSSE A CHEVEUX DOTEE DE CARACTERISTIQUES DE TEMPERATURE AMELIOREES**
[72] VECCHIOLA, MICHAEL VICTOR, CA
[72] COYNE, PATRICIA M., CA
[71] 1682796 ONTARIO INC., DBA TRUE COOL TECHNOLOGY ENTERPRISE, CA
[22] 2016-04-27
[41] 2016-10-28
[30] US (62/153834) 2015-04-28

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,928,275**
[13] A1
[51] **Int.Cl. A61C 7/08 (2006.01) A61C 7/00 (2006.01)**
[25] EN
[54] **MASTICATORY ORTHODONTIC CORRECTION DEVICE**
[54] **DISPOSITIF DE CORRECTION ORTHODONTIQUE DE LA MASTICATION**
[72] HUNG, CHENG-HSIANG, CN
[71] HUNG, CHENG-HSIANG, CN
[22] 2016-04-27
[41] 2016-10-27
[30] CN (201510202838.3) 2015-04-27
[30] CN (201610260756.9) 2016-04-25

---

[21] **2,928,278**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/241 (2006.01)**
[25] EN
[54] **SW-SAGD WITH BETWEEN HEEL AND TOE INJECTION**
[54] **PROCEDE SW-SAGD A INJECTION ENTRE LE TALON ET LA POINTE**
[72] CHEN, QING, US
[72] MENARD, WENDELL P., US
[71] CONOCOPHILLIPS COMPANY, US
[22] 2016-04-27
[41] 2016-10-27
[30] US (62/153,269) 2015-04-27

---

[21] **2,928,286**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01)**
[25] EN
[54] **SOLID FORM OF RUXOLITINIB PHOSPHATE**
[54] **FORME SOLIDE DE PHOSPHATE DE RUXOLITINIB**
[72] BERNAL-VAZQUEZ, PABLO MIGUEL, MX
[72] LAZCANO-SERES, JOSE MIGUEL, MX
[72] JUAREZ-LAGUNAS, JORGE ALBERTO, MX
[72] CANO-HERRERA, MARIA DE LOS ANGELES, MX
[72] VAN DER KNAAP, MATTHIJS, MX
[72] CEDILLO-CRUZ, ALBERTO, MX
[72] MENDOZA,-REYES, JESSICA MARIEL, MX
[72] SANTOYO-TEPOLE, BLANCA MIRIAM, MX
[72] SANCHEZ-MERELES, DONATO MANUEL, MX
[72] GUERRERO-SANDOVAL, JUAN MANUEL, MX
[71] SIGNA S.A. DE C.V., MX
[22] 2016-04-27
[41] 2016-10-28
[30] US (62/153,650) 2015-04-28

---

[21] **2,928,287**
[13] A1
[51] **Int.Cl. C07D 401/06 (2006.01)**
[25] EN
[54] **SOLID FORM OF AXITINIB**
[54] **FORME SOLIDE D'AXITINIB**
[72] GRANADOS-COVARRUBIAS, EVIN HAZAEL, MX
[72] LAZCANO-SERES, JOSE MIGUEL, MX
[72] MELGAR-FERNANDEZ, ROBERTO CARLOS, MX
[72] ZAMBRANO-HUERTA, ARMANDO, MX
[72] MONTIEL-PEREZ, MARTIN RAUL, MX
[72] BECERRA-RAMIREZ, ROBERTO, MX
[72] SALDANA-DIAZ, BLANCA LILIA, MX
[72] FLORES-GARCIA, ISRAEL, MX
[71] SIGNA S.A. DE C.V., MX
[22] 2016-04-27
[41] 2016-10-28
[30] US (62/153,754) 2015-04-28

---

[21] **2,928,291**
[13] A1
[51] **Int.Cl. H02J 3/01 (2006.01) H01F 27/42 (2006.01) H02M 5/02 (2006.01)**
[25] EN
[54] **MULTI-PULSE TRANSFORMER FOR USE WITH AN INDUSTRIAL MACHINE**
[54] **TRANFORMATEUR MULTI-IMPULSION DESTINE A UNE MACHINE INDUSTRIELLE**
[72] DORSETT, WILLIAM A., US
[72] HUBER, DAVID T., US
[72] ESSER, JASON L., US
[71] HARNISCHFEGER TECHNOLOGIES, INC., US
[22] 2016-04-27
[41] 2016-10-28
[30] US (62/153,747) 2015-04-28

---

[21] **2,928,330**
[13] A1
[51] **Int.Cl. A61L 15/14 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL ADHESIVE DRESSINGS**
[54] **PANSEMENTS ADHESIFS ANTIMICROBIENS**
[72] DICOSMO, FRANK, CA
[71] DICOSMO, FRANK, CA
[22] 2016-04-28
[41] 2016-10-28
[30] US (62/153868) 2015-04-28

---

[21] **2,928,336**
[13] A1
[51] **Int.Cl. A61L 15/32 (2006.01) A61K 9/00 (2006.01) A61K 38/39 (2006.01) A61L 15/44 (2006.01) A61L 27/24 (2006.01) A61L 27/56 (2006.01) A61P 17/02 (2006.01) C07K 14/78 (2006.01) C08H 1/06 (2006.01) C08L 89/06 (2006.01)**
[25] EN
[54] **BIOACTIVE COLLAGEN BIOMATERIALS AND METHODS FOR MAKING**
[54] **BIOMATERIAUX DE COLLAGENE BIOACTIF ET METHODES DE FABRICATION**
[72] DICOSMO, FRANK, CA
[71] DICOSMO, FRANK, CA
[22] 2016-04-28
[41] 2016-10-28
[30] US (62/153845) 2015-04-28

[21] **2,928,339**
[13] A1
[51] **Int.Cl. E05B 19/00 (2006.01) H04W 12/02 (2009.01) H04L 9/06 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SECURE REMOTE DATA RETRIEVAL FOR KEY DUPLICATION**
[54] **SYSTEMES ET METHODES D'EXTRACTION SURE DE DONNEES A DISTANCE EN VUE DE LA DUPLICATION DE CLE**
[72] MOORE, ROBERT C., US
[72] WILL, GARY E., US
[71] THE HILLMAN GROUP, INC., US
[22] 2016-04-28
[41] 2016-10-28
[30] US (62/153,702) 2015-04-28

---

[21] **2,928,441**
[13] A1
[51] **Int.Cl. B28B 7/34 (2006.01) B28B 23/00 (2006.01) E02D 27/02 (2006.01) E04G 13/00 (2006.01)**
[25] EN
[54] **CEMENT FORM WITH BREAKAWAY PORTION**
[54] **FORME DE CIMENT A PORTION SEPARABLE**
[72] BOYCE, LANCE N., US
[72] BOYCE, AMBER C., US
[71] MONO SLAB EZ FORM LLC, US
[22] 2016-04-28
[41] 2016-10-28
[30] US (14/698674) 2015-04-28
[30] US (15/136795) 2016-04-22

---

[21] **2,928,561**
[13] A1
[51] **Int.Cl. E02B 15/04 (2006.01) B09B 3/00 (2006.01)**
[25] EN
[54] **MATERIALS AND METHODS FOR LIQUID WASTE CAPTURE**
[54] **MATERIAUX ET METHODES DE CAPTURE DE DECHET LIQUIDE**
[72] HOSKINS, TERRY W., CA
[71] SOLID FLUIDS & TECHNOLOGIES CORP., CA
[22] 2016-04-27
[41] 2016-10-27
[30] US (62/153,117) 2015-04-27

---

[21] **2,938,515**
[13] A1
[51] **Int.Cl. G01C 17/08 (2006.01) G01C 17/20 (2006.01)**
[25] FR
[54] **BUOYANT PIN USED AS A SURVIVAL COMPASS**
[54] **EPINGLE INSUBMERSIBLE SERVANT DE BOUSSOLE DE SURVIE**
[72] BONNEAU, STEEVE, CA
[72] MORNEAU, NATHALIE, CA
[71] BONNEAU, STEEVE, CA
[71] MORNEAU, NATHALIE, CA
[22] 2016-08-10
[41] 2016-10-25

---

[21] **2,940,007**
[13] A1
[51] **Int.Cl. G01N 33/24 (2006.01) C10G 1/04 (2006.01) G05D 11/00 (2006.01) G01T 1/167 (2006.01)**
[25] EN
[54] **PROCESSING OIL SAND STREAMS**
[54] **TRAITEMENT DE FLUX DE SABLES BITUMINEUX**
[72] BOHRA, LALIT KUMAR, US
[72] GERVAIS, OLIVIER, CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[22] 2016-08-24
[41] 2016-10-24

---

[21] **2,940,559**
[13] A1
[51] **Int.Cl. B66C 23/62 (2006.01) B66C 23/26 (2006.01)**
[25] EN
[54] **CRANE TIE ARM ADJUSTMENT**
[54] **AJUSTEMENT DE BRAS DE FIXATION DE GRUE**
[72] SPRONKEN, JOHN RENE, CA
[71] SPRONKEN, JOHN RENE, CA
[22] 2016-08-29
[41] 2016-10-20

---

[21] **2,943,741**
[13] A1
[51] **Int.Cl. F17D 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS AND DEVICES FOR STRENGTHENING FLUID SYSTEM COMPONENTS USING RADIATION-CURABLE COMPOSITES**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS PERMETTANT DE RENFORCER DES COMPOSANTS D'UN CIRCUIT DE FLUIDS PAR L'UTILISATION DE COMPOSITES DURCISSABLES PAR IRRADIATION**
[72] LAZZARA, CHRISTOPHER J., US
[72] BICERANO, JOZEF, US
[71] NEPTUNE RESEARCH, INC., US
[22] 2011-09-21
[41] 2012-03-29
[62] 2,811,920
[30] US (61/386,065) 2010-09-24

---

[21] **2,943,758**
[13] A1
[51] **Int.Cl. B65D 1/02 (2006.01)**
[25] EN
[54] **SYNTHETIC RESIN BOTTLE**
[54] **BOUTEILLE EN RESINE SYNTHETIQUE**
[72] SAITO, HIROMICHI, JP
[72] OSHINO, TADAYOSHI, JP
[72] ASARI, TSUTOMU, JP
[71] YOSHINO KOGYOSHO CO., LTD., JP
[22] 2009-11-18
[41] 2010-06-03
[62] 2,744,850
[30] JP (2008-302002) 2008-11-27
[30] JP (2009-111633) 2009-04-30
[30] JP (2009-196789) 2009-08-27

[21] **2,943,933**
[13] A1
[51] **Int.Cl. B65H 19/22 (2006.01)**
[25] EN
[54] **METHOD FOR FORMING A TUBULAR SHEET PRODUCT ROLL**
[54] **PROCEDE DE FORMAGE D'UN ROULEAU DE PRODUIT EN FEUILLE TUBULAIRE**
[72] HAQUE, EHTESHAMUL, US
[72] HSU, CHIEHLUNG JAY, US
[72] KNUDSEN, DAVID L. B., US
[72] KOKKO, BRUCE J., US
[72] MATTHEEUSSEN, STEVEN B., US
[71] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
[22] 2010-10-26
[41] 2011-05-12
[62] 2,777,872
[30] US (12/607,195) 2009-10-28

---

[21] **2,944,788**
[13] A1
[51] **Int.Cl. C07D 295/192 (2006.01) A61K 31/395 (2006.01) A61K 31/428 (2006.01) A61K 31/47 (2006.01) A61K 31/4709 (2006.01) A61K 31/495 (2006.01) A61K 31/497 (2006.01) A61K 31/505 (2006.01) A61K 31/551 (2006.01) A61P 35/00 (2006.01) C07D 215/36 (2006.01) C07D 239/42 (2006.01) C07D 241/20 (2006.01) C07D 243/08 (2006.01) C07D 271/12 (2006.01) C07D 277/68 (2006.01) C07D 295/06 (2006.01) C07D 319/18 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **THERAPEUTIC COMPOUNDS AND COMPOSITIONS**
[54] **COMPOSES ET COMPOSITIONS THERAPEUTIQUES**
[72] SAUNDERS, JEFFREY O., US
[72] SALITURO, FRANCESCO G., US
[72] YAN, SHUNQI, US
[71] AGIOS PHARMACEUTICALS, INC., US
[22] 2010-06-29
[41] 2011-01-06
[62] 2,766,882
[30] US (61/221,430) 2009-06-29
[30] US (61/292,360) 2010-01-05

---

[21] **2,944,947**
[13] A1
[51] **Int.Cl. A61K 49/00 (2006.01) A61K 49/08 (2006.01) A61K 51/04 (2006.01) C07D 231/16 (2006.01) C07D 239/88 (2006.01) C07D 493/14 (2006.01)**
[25] EN
[54] **CONTRAST AGENTS FOR MYOCARDIAL PERFUSION IMAGING**
[54] **AGENTS DE CONTRASTE POUR L'IMAGERIE DE PERFUSION MYOCARDIQUE**
[72] CASEBIER, DAVID, US
[72] ROBINSON, SIMON P., GB
[72] PUROHIT, AJAY, IN
[72] RADEKE, HEIKE S., DE
[72] AZURE, MICHAEL T., US
[72] DISCHIMO, DOUGLAS D., US
[71] LANTHEUS MEDICAL IMAGING, INC., US
[22] 2005-02-11
[41] 2005-09-01
[62] 2,828,128
[30] US (11/055,498) 2005-02-10
[30] US (60/544,861) 2004-02-13

---

[21] **2,945,331**
[13] A1
[51] **Int.Cl. B03C 3/013 (2006.01)**
[25] EN
[54] **PROCESS FOR ENHANCING ELECTROSTATIC SEPARATION IN THE BENEFICIATION OF ORES**
[54] **PROCEDE PERMETTANT D'ACCROITRE LA SEPARATION ELECTROSTATIQUE A DESTINATION DE MINERAIS**
[72] RAVISHANKAR, SATHANJHERI, US
[72] KOLLA, HARSHA, US
[72] WANG, BING, US
[71] CYTEC TECHNOLOGY CORP., US
[22] 2009-10-21
[41] 2010-05-06
[62] 2,742,044
[30] US (61/110,282) 2008-10-31
[30] US (61/171,305) 2009-04-21

---

[21] **2,945,419**
[13] A1
[51] **Int.Cl. H04N 21/80 (2011.01) H04N 21/84 (2011.01) G08B 13/196 (2006.01) G08G 1/017 (2006.01) G08G 1/052 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **ANALYZING A SEGMENT OF VIDEO**
[54] **ANALYSE D'UN SEGMENT VIDEO**
[72] BADAWY, WAEL, CA
[72] GOMAA, HAZEM, CA
[71] INTELLIVIEW TECHNOLOGIES INC., CA
[22] 2008-02-06
[41] 2009-05-27
[62] 2,620,517
[30] US (11/945,979) 2007-11-27

---

[21] **2,945,455**
[13] A1
[51] **Int.Cl. B01J 20/28 (2006.01) B01J 20/22 (2006.01) B01J 20/287 (2006.01) B01J 20/32 (2006.01) B01L 3/02 (2006.01)**
[25] EN
[54] **POLYSILAZANE THERMOSETTING POLYMERS FOR USE IN CHROMATOGRAPHIC SYSTEMS AND APPLICATIONS**
[54] **POLYMERES THERMODURCISSANTS DE POLYSILAZANE S'UTILISANT DANS DES SYSTEMES ET DES APPLICATIONS CHROMATOGRAPHIQUES**
[72] BETZ, WILLIAM R., US
[72] LINTON, CHRISTOPHER M., US
[71] SIGMA-ALDRICH CO. LLC, US
[22] 2004-11-19
[41] 2005-06-09
[62] 2,546,898
[30] US (60/523,654) 2003-11-20

[21] **2,945,596**
[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/32 (2006.01) H01M 2/10 (2006.01) H01M 10/04 (2006.01) A61B 18/12 (2006.01)**
[25] EN
[54] **BATTERY-POWERED HAND-HELD ULTRASONIC SURGICAL CAUTERY CUTTING DEVICE**
[54] **OUTIL DE COUPE DE CAUTERE CHIRURGICAL A ULTRASONS PORTATIF ET A BATTERIE**
[72] SMITH, KEVIN W., US
[72] BALES, THOMAS O., JR., US
[72] PALMER, MATTHEW A., US
[72] DEVILLE, DEREK DEE, US
[71] COVIDIEN AG, CH
[22] 2011-08-25
[41] 2012-02-25
[62] 2,750,482
[30] US (12/868,505) 2010-08-25
[30] US (13/072,309) 2011-03-25
[30] US (13/072,345) 2011-03-25
[30] US (13/072,373) 2011-03-25
[30] US (13/215,971) 2011-08-23
[30] US (12/868,545) 2010-08-25
[30] US (61/376,983) 2010-08-25
[30] US (13/022,707) 2011-02-08
[30] US (13/022,743) 2011-02-08
[30] US (13/072,187) 2011-03-25
[30] US (13/072,247) 2011-03-25
[30] US (13/072,273) 2011-03-25
[30] US (13/072,221) 2011-03-25

[21] **2,945,723**
[13] A1
[51] **Int.Cl. E21F 17/06 (2006.01) B60M 7/00 (2006.01)**
[25] EN
[54] **MINE POWER MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE L'ENERGIE POUR L'EXPLOITATION MINIERE**
[72] TOJIMA, MASANORI, JP
[72] YAMASHITA, KOUICHI, JP
[72] SUDOU, TSUGIO, JP
[72] TAKEDA, KOJI, JP
[72] NAGAI, TAKAO, JP
[72] KAJINO, KATSUHIRO, JP
[72] YANAGIDA, YASUHIRO, JP
[72] SUZUKI, YASUYUKI, JP
[71] KOMATSU LTD., JP
[22] 2012-05-09
[41] 2012-11-15
[62] 2,833,138
[30] JP (2011-104938) 2011-05-10

[21] **2,946,024**
[13] A1
[51] **Int.Cl. G01N 33/58 (2006.01) G01N 33/48 (2006.01) G01N 33/52 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR DETECTING ANALYTES**
[54] **DISPOSITIFS ET PROCEDES DE DETECTION D'ANALYTES**
[72] KAISER, THOMAS, DE
[72] MOBIUS, KLAUS-PETER, DE
[72] SCHULZ, TORSTEN, DE
[72] UHLIG, THOMAS, DE
[72] VON SCHENK ZU SCHWEINSBERG, ALEXANDER, DE
[72] ERMANTRAUT, EUGEN, DE
[72] TUCHSCHEERER, JENS, DE
[71] CLONDIAG GMBH, DE
[22] 2008-05-05
[41] 2008-11-13
[62] 2,684,095
[30] US (61/915884) 2007-05-03
[30] US (61/036537) 2008-03-14

[21] **2,946,037**
[13] A1
[51] **Int.Cl. B01D 21/24 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN FEEDWELLS**
[54] **AMELIORATIONS DE PUITS D'ALIMENTATION**
[72] TRIGLAVCANIN, RICHARD, AU
[72] RASKOVIC, DARKO, AU
[72] WANG, JIAN DONG, AU
[72] BROWN, MICHAEL ANDREW, AU
[71] OUTOTEC OYJ, FI
[22] 2009-04-30
[41] 2009-11-19
[62] 2,724,169
[30] AU (2008902416) 2008-05-15

[21] **2,946,099**
[13] A1
[51] **Int.Cl. G09G 3/34 (2006.01) G02F 1/167 (2006.01)**
[25] EN
[54] **METHODS FOR DRIVING ELECTRO-OPTIC DISPLAYS**
[54] **PROCEDES DE COMMANDE D'AFFICHAGES ELECTRO-OPTIQUES**
[72] APREA, MATTHEW J., US
[72] AMUNDSON, KARL RAYMOND, US
[72] CROUNSE, KENNETH R., US
[72] HARRINGTON, DEMETRIOUS MARK, US
[72] LIN, JASON, US
[72] SJODIN, THEODORE A., US
[72] SU, CHIA-CHEN, US
[71] E INK CORPORATION, US
[22] 2013-01-31
[41] 2013-08-08
[62] 2,863,425
[30] US (61/593,361) 2012-02-01

[21] **2,946,136**
[13] A1
[51] **Int.Cl. B01D 11/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RECOVERING SYNTHETIC OILS FROM COMPOSITE OIL STREAMS**
[54] **PROCEDE ET APPAREIL POUR RECUPERER DES HUILES SYNTHETIQUES A PARTIR DE FLUX D'HUILES COMPOSITES**
[72] MACDONALD, MARTIN R., US
[71] VEROLUBE, INC., CA
[22] 2014-03-03
[41] 2014-05-15
[62] 2,845,176
[30] US (61/774,027) 2013-03-07
[30] US (61/774,037) 2013-03-07
[30] US (14/169,113) 2014-01-30
[30] US (PCT/US2014/013958) 2014-01-30

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,946,156**
[13] A1
[25] EN
[54] **DENTAL SEPARATOR AND MATRIX SYSTEM FOR PRODUCING DENTAL RESTORATIONS**
[54] **SEPARATEUR DENTAIRE ET SYSTEME DE MATRICE POUR PRODUIRE DES RESTAURATIONS DENTAIRES**
[72] PIERONI, ROBERT J., US
[72] COSTE, ANDREW J., US
[71] DENTSPLY INTERNATIONAL INC., US
[22] 2010-01-25
[41] 2010-07-29
[62] 2,750,593
[30] US (61/205,796) 2009-01-23

---

[21] **2,946,189**
[13] A1
[51] **Int.Cl. H02G 1/06 (2006.01) H02G 9/02 (2006.01)**
[25] EN
[54] **A CABLE SURROUND AND ASSOCIATED ARRANGEMENTS, SYSTEMS AND METHODS**
[54] **UNE GAINE DE CABLE ET DES ARRANGEMENTS, SYSTEMES ET METHODES ASSOCIES**
[72] WILKINS, JOANNE, GB
[72] ROUTLEDGE, ALEX, GB
[71] CARILLION UTILITY SERVICES LIMITED, GB
[22] 2015-09-04
[41] 2016-03-10
[62] 2,921,739
[30] GB (1415981.8) 2014-09-10
[30] GB (1503799.7) 2015-03-06

---

[21] **2,946,195**
[13] A1
[51] **Int.Cl. A61L 29/08 (2006.01) A61K 9/00 (2006.01) A61L 29/16 (2006.01) A61L 31/08 (2006.01) A61L 31/16 (2006.01)**
[25] EN
[54] **DRUG DELIVERY MEDICAL DEVICE**
[54] **DISPOSITIF MEDICAL D'ADMINISTRATION DE MEDICAMENT**
[72] MCCLAIN, JAMES B., US
[72] TAYLOR, DOUGLAS, US
[72] NEET, JOHN, US
[71] MICELL TECHNOLOGIES, INC., US
[22] 2009-07-16
[41] 2010-01-21
[62] 2,730,995
[30] US (61/081,691) 2008-07-17
[30] US (61/162,558) 2009-03-23
[30] US (61/212,964) 2009-04-17

---

[21] **2,946,209**
[13] A1
[51] **Int.Cl. B02C 23/00 (2006.01)**
[25] EN
[54] **A LINER COMPONENT FOR A GRINDING MILL AND METHOD OF FABRICATING THE COMPONENT**
[54] **ELEMENT DE REVETEMENT POUR BROYEUR ET PROCEDE DE FABRICATION DE L'ELEMENT**
[72] TOWN, STUART, AU
[71] WEIR MINERALS AUSTRALIA LTD, AU
[22] 2009-08-11
[41] 2010-02-18
[62] 2,733,641
[30] AU (2008904094) 2008-08-11

---

[21] **2,946,212**
[13] A1
[51] **Int.Cl. C07D 333/12 (2006.01) B01J 23/755 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF COMPOUNDS USEFUL AS INHIBITORS OF SGLT**
[54] **PROCEDE POUR LA PREPARATION DE COMPOSES UTILES EN TANT QU'INHIBITEURS DE SGLT**
[72] FILLIERS, WALTER FERDINAND MARIA, BE
[72] BROECKX, RUDY LAURENT MARIA, BE
[72] NIESTE, PATRICK HUBERT J., BE
[72] HATSUDA, MASANORI, JP
[72] YOSHINAGA, MASAHIKO, JP
[72] YADA, MITSUHIRO, JP
[72] TELEHA, CHRISTOPHER, US
[71] JANSSEN PHARMACEUTICA N.V., BE
[71] MITSUBISHI TANABE PHARMA CORPORATION, JP
[22] 2009-10-15
[41] 2010-04-22
[62] 2,740,853
[30] US (61/106,231) 2008-10-17
[30] US (61/106,260) 2008-10-17
[30] US (12/578,934) 2009-10-14

---

[21] **2,946,304**
[13] A1
[51] **Int.Cl. C07D 239/91 (2006.01)**
[25] EN
[54] **QUINAZOLINONE DERIVATIVES USEFUL AS VANILLOID ANTAGONISTS**
[54] **DERIVES DE QUINAZOLINONE UTILES COMME ANTAGONISTES VANILLOIDES**
[72] CHEN, WEICHUN, US
[72] KIM, HONG-YONG, US
[72] LIANG, JESSICA, US
[72] MUTZ, MICHAEL, US
[72] PRASHAD, MAHAVIR, US
[72] TOWLER, CHRISTOPHER, US
[72] WU, RUOQIU, US
[71] NOVARTIS AG, CH
[22] 2010-01-12
[41] 2010-07-29
[62] 2,749,529
[30] US (61/144,250) 2009-01-13

[21] **2,946,326**
[13] A1
[51] **Int.Cl. C07C 237/34 (2006.01) A61K 31/166 (2006.01) A61K 31/4164 (2006.01) A61K 31/4192 (2006.01) A61P 21/00 (2006.01) A61P 31/18 (2006.01) A61P 35/00 (2006.01) C07D 213/82 (2006.01) C07D 233/64 (2006.01) C07D 249/06 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **CHEMICAL MOLECULES THAT INHIBIT THE SLICING MECHANISM FOR TREATING DISEASES RESULTING FROM SPLICING ANOMALIES**
[54] **MOLECULES CHIMIQUES INHIBANT LE MECANISME D'EPISSAGE POUR TRAITER DES MALADIES RESULTANT D'ANOMALIES D'EPISSAGE**
[72] TAZI, JAMAL, FR
[72] GRIERSON, DAVID, CA
[72] MAHUTEAU-BETZER, FLORENCE, FR
[72] ROUX, PIERRE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] INSTITUT CURIE, FR
[71] UNIVERSITE DE MONTPELLIER, FR
[22] 2009-01-12
[41] 2009-07-16
[62] 2,711,652
[30] FR (0850144) 2008-01-10

---

[21] **2,946,329**
[13] A1
[51] **Int.Cl. C07C 237/34 (2006.01) A61K 31/166 (2006.01) A61K 31/4192 (2006.01) A61P 21/00 (2006.01) A61P 31/18 (2006.01) A61P 35/00 (2006.01) C07D 249/06 (2006.01)**
[25] EN
[54] **CHEMICAL MOLECULES THAT INHIBIT THE SLICING MECHANISM FOR TREATING DISEASES RESULTING FROM SPLICING ANOMALIES**
[54] **MOLECULES CHIMIQUES INHIBANT LE MECANISME D'EPISSAGE POUR TRAITER DES MALADIES RESULTANT D'ANOMALIES D'EPISSAGE**
[72] TAZI, JAMAL, FR
[72] MAHUTEAU-BETZER, FLORENCE, FR
[72] ROUX, PIERRE, FR
[72] GRIERSON, DAVID, CA
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] INSTITUT CURIE, FR
[71] UNIVERSITE DE MONTPELLIER, FR
[22] 2009-01-12
[41] 2009-07-16
[62] 2,711,652
[30] FR (0850144) 2008-01-10

---

[21] **2,946,336**
[13] A1
[51] **Int.Cl. C07D 213/74 (2006.01) A61K 31/4192 (2006.01) A61K 31/44 (2006.01) A61P 21/00 (2006.01) A61P 31/18 (2006.01) A61P 35/00 (2006.01) C07D 249/06 (2006.01)**
[25] EN
[54] **CHEMICAL MOLECULES THAT INHIBIT THE SLICING MECHANISM FOR TREATING DISEASES RESULTING FROM SPLICING ANOMALIES**
[54] **MOLECULES CHIMIQUES INHIBANT LE MECANISME D'EPISSAGE POUR TRAITER DES MALADIES RESULTANT D'ANOMALIES D'EPISSAGE**
[72] TAZI, JAMAL, FR
[72] MAHUTEAU-BETZER, FLORENCE, FR
[72] ROUX, PIERRE, FR
[72] GRIERSON, DAVID, CA
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] INSTITUT CURIE, FR
[71] UNIVERSITE DE MONTPELLIER, FR
[22] 2009-01-12
[41] 2009-07-16
[62] 2,711,652
[30] FR (0850144) 2008-01-10

---

[21] **2,946,364**
[13] A1
[51] **Int.Cl. H04B 10/03 (2013.01) H04B 10/80 (2013.01) H04J 14/00 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **METHOD, TOPOLOGY AND POINT OF PRESENCE EQUIPMENT FOR SERVING A PLURALITY OF USERS VIA A MULTIPLEX MODULE**
[54] **PROCEDE, TOPOLOGIE ET EQUIPEMENT DE POINT DE PRESENCE PERMETTANT DE DESSERVIR UNE PLURALITE D'UTILISATEURS PAR L'INTERMEDIAIRE D'UN MODULE MULTIPLEX**
[72] MENARD, FRANCOIS, CA
[71] AEPONYX INC., CA
[22] 2013-01-30
[41] 2013-08-08
[62] 2,862,733
[30] US (61/592,043) 2012-01-30

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,946,367**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **LED LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE A DIODES ELECTROLUMINESCENTES**
[72] FONTECCHIO, ADAM K., US
[72] SHELDON, DONALD, US
[72] EISELE, ERIC JON, US
[71] DELOS LIVING LLC, US
[22] 2010-10-07
[41] 2011-04-14
[62] 2,805,851
[30] US (61/249,858) 2009-10-08

[21] **2,946,445**
[13] A1
[51] **Int.Cl. C07C 323/60 (2006.01) A61K 31/225 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **HEPATOPROTECTANT ACETAMINOPHEN MUTUAL PRODRUGS**
[54] **PROMEDICAMENTS MUTUELS D'ACETAMINOPHENE ET D'HEPATOPROTECTEUR**
[72] MUHAMMAD, NAWEED, US
[72] BLEY, KEITH R., US
[72] TOBIAS, JEFFREY, US
[71] ACORDA THERAPEUTICS, INC., US
[22] 2009-05-20
[41] 2009-11-26
[62] 2,724,788
[30] US (61/054,777) 2008-05-20

[21] **2,946,532**
[13] A1
[51] **Int.Cl. A61K 38/45 (2006.01) A61K 31/7076 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PURINE NUCLEOSIDE PHOSPHORYLASE AS ENZYMATIC ACTIVATOR OF NUCLEOSIDE PRODRUGS**
[54] **PURINE NUCLEOSIDE PHOSPHORYLASE EN TANT QU'ACTIVATEUR ENZYMATIQUE DE PROMEDICAMENTS DE NUCLEOSIDES**
[72] PARKER, WILLIAM B., US
[72] SORSCHER, ERIC J., US
[71] THE UAB RESEARCH FOUNDATION, US
[71] SOUTHERN RESEARCH INSTITUTE, US
[22] 2009-08-17
[41] 2010-02-18
[62] 2,734,147
[30] US (61/089,235) 2008-08-15
[30] US (61/225,012) 2009-07-13

[21] **2,946,551**
[13] A1
[51] **Int.Cl. G05D 1/02 (2006.01) B61L 25/00 (2006.01) B61L 27/00 (2006.01) G08G 5/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEM FOR TIME OF ARRIVAL CONTROL USING AVAILABLE SPEED AUTHORITY**
[54] **PROCEDES ET SYSTEME POUR LE CONTROLE DE TEMPS D'ARRIVEE METTANT EN OEUVRE UNE AUTORITE DE VITESSE DISPONIBLE**
[72] KLOOSTER, JOEL KENNETH, US
[72] WICHMAN, KEITH DOUGLAS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2009-10-07
[41] 2010-06-03
[62] 2,740,691
[30] US (12/262,326) 2008-10-31

[21] **2,946,569**
[13] A1
[51] **Int.Cl. A47J 42/04 (2006.01) A47G 19/24 (2006.01)**
[25] EN
[54] **GRINDER DEVICE**
[54] **DISPOSITIF BROYEUR**
[72] WADE, ALLAN E., US
[72] FITCHKO, AARON F., US
[72] CHEN, CHUNG MAN, HK
[72] LIU, ALEX, US
[71] ACH FOOD COMPANIES, INC., US
[22] 2013-09-05
[41] 2014-03-13
[62] 2,826,454
[30] US (13/613,984) 2012-09-13

[21] **2,946,626**
[13] A1
[51] **Int.Cl. E03D 3/04 (2006.01) F16K 21/06 (2006.01) F16K 31/42 (2006.01)**
[25] EN
[54] **RIGID PISTON VALVE INCORPORATING A SOLENOID**
[54] **ROBINET A PISTON RIGIDE COMPRENANT UN SOLENOIDE**
[72] BUSH, SHAWN D., US
[72] NOTTAGE, RYAN, US
[71] SDP IP HOLDINGS, LLC, US
[22] 2013-04-19
[41] 2013-10-24
[62] 2,869,834
[30] US (61/636,174) 2012-04-20

[21] **2,946,778**
[13] A1
[51] **Int.Cl. H04L 9/30 (2006.01) H04L 9/00 (2006.01) H04L 12/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SECURE WORKGROUP MANAGEMENT AND COMMUNICATION**
[54] **SYSTEMES ET PROCEDES POUR UNE GESTION ET UNE COMMUNICATION DE GROUPE DE TRAVAIL SECURISEES**
[72] BONO, STEPHEN C., US
[72] GREEN, MATTHEW D., US
[72] LANDAU, GABRIEL D., US
[72] ORSINI, RICK L., US
[72] O'HARE, MARK S., US
[72] DAVENPORT, ROGER, US
[71] SECURITY FIRST CORP., US
[22] 2009-02-23
[41] 2009-08-27
[62] 2,716,335
[30] US (61/066,699) 2008-02-22
[30] US (61/147,961) 2009-01-28

[21] **2,946,841**
[13] A1
[51] **Int.Cl. H02K 15/04 (2006.01) H02K 3/28 (2006.01)**
[25] EN
[54] **A METHOD FOR MANUFACTURING A NEUTRAL RING FOR USE IN ROTATING AN ELECTRICAL MACHINE**
[54] **BAGUE NEUTRE SERVANT DANS UNE MACHINE ELECTRIQUE ROTATIVE ET METHODE DE FABRICATION ASSOCIEE**
[72] HAYASAKA, YASUSHI, JP
[72] MATSUMOTO, MASANORI, JP
[72] OTSUKI, YASUNORI, JP
[72] FUJIGAKI, TETSUO, JP
[72] YASUI, YOSHIHIRO, JP
[72] IIZUKA, MOTONOBU, JP
[72] ENDOU, MASAAKI, JP
[72] FUKUNAGA, ATSUSHI, JP
[72] NAKAYAMA, TAKESHI, JP
[71] HITACHI, LTD., JP
[22] 2015-06-04
[41] 2016-02-08
[62] 2,893,978
[30] JP (2014-162022) 2014-08-08

---

[21] **2,946,879**
[13] A1
[51] **Int.Cl. G09G 5/34 (2006.01) G06F 3/0485 (2013.01)**
[25] EN
[54] **TILTING TO SCROLL**
[54] **INCLINAISON POUR DEFILEMENT**
[72] AMERIGE, BRIAN D., US
[72] MATAS, MICHAEL, US
[71] FACEBOOK, INC., US
[22] 2014-03-17
[41] 2014-09-25
[62] 2,906,181
[30] US (13/846,131) 2013-03-18

---

[21] **2,946,947**
[13] A1
[51] **Int.Cl. H04N 19/513 (2014.01) H04N 19/176 (2014.01) H04N 19/61 (2014.01)**
[25] EN
[54] **METHOD FOR ENCODING IMAGE, METHOD FOR DECODING IMAGE, IMAGE ENCODER, AND IMAGE DECODER**
[54] **PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, CODEUR D'IMAGE ET DECODEUR D'IMAGE**
[72] LEE, BAE KEUN, KR
[72] KWON, JAE CHEOL, KR
[72] KIM, JOO YOUNG, KR
[71] KT CORPORATION, KR
[22] 2012-10-18
[41] 2013-04-25
[62] 2,853,002
[30] KR (10-2011-0106624) 2011-10-18

---

[21] **2,946,979**
[13] A1
[51] **Int.Cl. B60D 1/06 (2006.01) B21D 22/02 (2006.01) B21D 53/88 (2006.01)**
[25] EN
[54] **HITCH BALL MOUNT AND METHOD OF FORMING THE HITCH BALL MOUNT**
[54] **MONTURE DE BOULE D'ATTELAGE ET PROCEDE DE FORMATION DE LA MONTURE DE BOULE D'ATTELAGE**
[72] BERNART, FRANCIS, US
[72] DEPIETRO, THOMAS, US
[71] CEQUENT CONSUMER PRODUCTS, INC., US
[22] 2012-10-11
[41] 2013-04-18
[62] 2,852,040
[30] US (61/545,878) 2011-10-11

---

[21] **2,946,993**
[13] A1
[51] **Int.Cl. B64F 1/10 (2006.01) B64F 1/22 (2006.01)**
[25] EN
[54] **TOWBARLESS AIRPLANE TUG**
[54] **REMORQUEUR D'AVIONS SANS BARRE DE REMORQUAGE**
[72] PERRY, ARIE, IL
[72] BRAIER, RAN, IL
[71] ISRAEL AEROSPACE INDUSTRIES LTD., IL
[22] 2009-11-25
[41] 2010-06-03
[62] 2,743,957
[30] IL (195505) 2008-11-25
[30] IL (198950) 2009-05-25

Index of Canadian Patents Issued

November 15, 2016

Index des brevets canadiens délivrés

15 novembre 2016

3RD BRAND PTE. LTD. 2,707,467
A.C. DANDY PRODUCTS LTD. 2,868,890
ABA HOERTNAGL GMBH 2,678,703
ABE, TETSUSHI 2,823,145
ACCENTURE GLOBAL SERVICES LIMITED 2,474,887
ACOSTA, ERICK J. 2,738,667
ADVANCED FUSION SYSTEMS LLC 2,733,939
AERODESIGNS, INC. 2,709,071
AFI LICENSING LLC 2,861,603
AIBA, TATSUSHI 2,789,659
AIR PRODUCTS AND CHEMICALS, INC. 2,868,576
AIRBUS OPERATIONS 2,756,345
AIRBUS OPERATIONS SAS 2,596,928
AIRBUS OPERATIONS, S.L. 2,741,486
AISIN AW CO., LTD. 2,908,212
AL-AKHDAR, WALID 2,862,041
ALBANY INTERNATIONAL CORP. 2,735,984
ALBRINCK, ALICE C. 2,806,875
ALEMITE, LLC 2,688,361
ALEXION PHARMACEUTICALS, INC. 2,574,488
ALIGN TECHNOLOGY, INC. 2,702,213
ALLELY, CHRISTIAN 2,871,561
ALLEN, JAMES CONNAUGHTON 2,692,468
ALLEN, JASON A. 2,857,509
ALLERGAN, INC. 2,743,583
ALLGLASS CONFORT SYSTEMS S.L. 2,800,196
ALONSO FRIGOLA, ESTER 2,750,994
ALPHA SCIENTIFIC CORPORATION 2,694,650
ALVAREZ, CARLOS 2,702,213
AMAYA, HISASHI 2,863,187
ANDERSON, DAVE 2,818,943
ANDERSSON, TOMMY 2,733,636
ANISSIMOV, VIATCHESLAV 2,766,659
ANTYPAS, JEROME 2,756,345
AOKI, TAKAYUKI 2,668,536
APPLE INC. 2,833,511
ARAI, MASAHIKO 2,858,454
ARCELORMITTAL INVESTIGACION Y DESARROLLO, S.L. 2,871,561
ARNOT, ROGER 2,816,966
AROV, GENNADY 2,643,007
ARZOLA PANIAGUA, MARIA ANGELICA 2,859,487
ASAI, KUNIO 2,858,454
ASMANIDOU, ANNA 2,828,650
ASTRAZENECA AB 2,670,445
ATC TECHNOLOGIES, LLC 2,863,510
AULT, GRAHAM WILLIAM 2,704,696
AXE, BRIAN 2,572,582
BACHAR, YEHUDA 2,860,174
BAILEY, PETER BRADBY SPIROS 2,828,190
BAILEY, TIMOTHY J. 2,718,476
BAKER GLENN, CHARLES 2,710,345
BAKER HUGHES INCORPORATED 2,851,015
BAKER HUGHES INCORPORATED 2,857,509
BALDEMAIR, ROBERT 2,711,607
BANATRE, MICHEL 2,503,357
BASF PLANT SCIENCE GMBH 2,617,714
BASF SE 2,862,041
BASH, ASSAF 2,930,296
BAUER, JOERG 2,617,714
BEATTIE PASSIVE GROUP PLC 2,757,563
BEATTIE, RONALD PETER 2,757,563
BEAUSIRE, CEDRIC 2,724,750
BECTON, DICKINSON AND COMPANY 2,717,855
BEEFERMAN, DOUG 2,572,582
BELFIORE, JOSEPH D. 2,808,275
BELL, ANDY 2,733,786
BELL, IAN LAW 2,781,349
BELLAMAH, GREG F. 2,869,819
BENDL, KLAUS 2,670,191
BENICHU, NETANEL 2,930,296
BENKEMOUN, YVES 2,743,384
BENNETT, JAMES 2,717,502
BENTON, BARRY W. 2,818,943
BERCOFF, JEREMY 2,658,063
BERENS, ULRICH 2,862,041
BERGKVIST, CONNY 2,584,275
BERNHARDSGRUETTER, RAPHAEL 2,724,750
BERNHARDT, ROGER D. 2,852,507
BERNSTEIN, STEVEN 2,788,322
BERTOLI, VINCENZO 2,774,507
BETTUCHI, MICHAEL 2,855,455
BIACS, ZOLTAN F. 2,833,072
BIGARI, RICHARD J. 2,854,996
BIOGEN IDEC INC. 2,904,259
BIOMET BIOLOGICS, LLC 2,772,067
BIORIGINAL FOOD & SCIENCE CORPORATION 2,680,376
BIOTEC PHARMACON ASA 2,818,584
BIOTEC PHARMACON ASA 2,818,648
BIOTEC PHARMACON ASA 2,818,650
BIRCH-RASMUSSEN, SOEREN 2,700,730
BIRNBACH, CURTIS A. 2,733,939
BISERNA, EZIO 2,728,854
BLACKABY, WESLEY 2,710,345
BLACKBERRY LIMITED 2,751,925
BLACKBERRY LIMITED 2,772,843
BLACKBERRY LIMITED 2,776,499
BLACKBERRY LIMITED 2,834,270
BLUCHER GMBH 2,912,330
BOCHTLER, MATTHIAS 2,833,335
BOERRESEN, CLAES NICOLAI 2,723,159
BOHRINGER, BERTRAM 2,912,330
BOMBRUN, AGNES 2,710,345
BONNER, TOM 2,684,676
BONNET, MATHIEU 2,756,345
BORSARI, MAURIZIO 2,658,065
BOS, JEFFREY CHARLES 2,776,499
BOSTON SCIENTIFIC LIMITED 2,710,770
BOSWORTH, ANDREW G. 2,704,680
BOUIX, HERVE F. 2,846,775
BOWDISH, KATHERINE S. 2,574,488
BOYKIN, CHRISTOPHER M. 2,727,402
BPB LIMITED 2,743,384
BRACKLEY, JAMES 2,798,622
BRAGALONI, MAURO 2,510,557
BRANTON, DANIEL 2,700,862
BREUER, CHRISTIAN 2,776,185
BRIGHT, MARK 2,573,137
BRISTOL-MYERS SQUIBB COMPANY 2,864,420
BRODEUR, BERNARD R. 2,789,252
BROERE, HANS 2,868,890
BROERING, SHAUN T. 2,805,473
BROWN, DAVID P. 2,724,946
BROWN, SCOTT M. 2,806,875
BRZEZINSKI, BRYAN A. 2,854,996
BSH HOME APPLIANCES CORPORATION 2,779,914
BUCHWALD-WERNER, SYBILLE 2,702,822
BUDUREA, DANIEL 2,700,469
BURBA, JOHN L. III 2,384,494
BURCHAKCHI, JORGE REINALDO 2,781,354
BURCHELL, JAMES R. 2,892,223
BURGESS, JOELLE LORRAINE 2,798,622
BURNS, LAURIE 2,809,581
BUSE, DAVID 2,903,084
BUTTERY, KEN 2,701,754
BYRNE, NORMAN R. 2,802,236
CABILLIC, GILBERT 2,503,357
CALLAHAN, DAVID 2,722,675
CAMERON HEALTH, INC. 2,587,856
CAMPBELL, DAVID G. 2,808,275
CAMPBELL, TROY C. 2,757,628
CANATU OY 2,724,946
CAO, GUOHUA 2,868,433

Index of Canadian Patents Issued
November 15, 2016

CAPELLA, ROBERT 2,855,455
CAPPS, STEVE 2,808,275
CARBONELL DUQUE, SANTIAGO 2,772,843
CAREFUSION 2200, INC. 2,706,090
CARETTE, ALEXANDRE 2,835,306
CARPIO, GUSTAVO 2,850,799
CARTER, MARK C. 2,650,732
CAVANAUGH, TIMOTHY 2,850,799
CELLINI, STEVEN M. 2,808,275
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,677,146
CHABRIER, HENRI 2,474,887
CHAKRAVARTHY, DEBASHISH 2,737,275
CHAMBERLAIN, RICHARD 2,806,875
CHAMPION-ARNAUD, PATRICK 2,604,330
CHANG, EDWARD Y. 2,754,120
CHAO, DANIEL 2,702,944
CHARITE UNIVERSITAETSMEDIZIN BERLIN 2,708,491
CHEN, GIVEN JING 2,784,279
CHEN, GUOAN 2,868,433
CHEN, KENG 2,776,185
CHEN, QIAOHONG 2,692,468
CHEN, QING 2,828,650
CHENG, JIHUA 2,702,213
CHEVRON U.S.A. INC. 2,827,961
CHINA UNIVERSITY OF MINING AND TECHNOLOGY 2,868,433
CHOWDARI, NAIDU S. 2,864,420
CIDRA CORPORATE SERVICES, INC. 2,718,476
CIK, MIROSLAV 2,333,910
CIRPUS, PETRA 2,617,714
CLARK EQUIPMENT COMPANY 2,730,731
CLEM, NICHOLAS J. 2,857,509
CLEVA, CHRISTOPHE 2,710,345
CLINGMAN, DAN J. 2,845,155
COCKER, ERIC 2,809,581
CODMAN & SHURTLEFF, INC. 2,642,341
COFRA B.V. 2,745,848
COHEN BACRIE, CLAUDE 2,658,063
COHLER, MATTHEW R. 2,704,[illegible]0
COLE, KIM 2,7[illegible]08
COLLINS, MICHAEL JOSEPH 2[illegible],276
COLVIN, DAN 2,714,731
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 2,757,852
CONCERT PHARMACEUTICALS INC. 2,809,739
CONTI, FRANCO (DECEASED) 2,786,764
COOK BIOTECH INCORPORATED 2,728,240
CORNELL RESEARCH FOUNDATION, INC. 2,510,557
COUDERC, PAUL 2,503,357
COUSINS, LISA 2,699,118
COVIDIEN LP 2,604,994
COVIDIEN LP 2,640,399
COVIDIEN LP 2,855,455
COVIDIEN LP 2,921,563
COZZO, CARMELA 2,854,676
CRAWFORD, DONALD LEON 2,855,276
CREAFORM INC. 2,835,306
CROCOLL, WILLIAM 2,679,716
CROLL, JOHN W. 2,850,747
CRUWYS, SIMON CHARLES 2,670,445
CRYOVAC, INC. 2,684,676
CTI SYSTEMS S.A. 2,935,163
CUBE INVESTMENTS LIMITED 2,700,469
CUNNINGHAM, J. VERN 2,700,469
CURD, JOHN G. 2,904,259
CURRIE, ROBERT ALASTAIR FRASER 2,704,696
D'ANGELO, ADAM 2,704,680
DAHER, JEAN F. 2,692,468
DAI, QI 2,868,837
DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD. 2,859,938
DALEY, ROBERT D. 2,854,536
DAMNJANOVIC, ALEKSANDAR 2,788,843
DATLA, NAGAMANI 2,617,714
DAUS, ROBERT R. 2,749,303
DAVIES, EVAN 2,855,276
DAVIS, MICHAEL A. 2,718,476
DAVIS, RONALD V. 2,823,878
DAVIS, STACY E. 2,669,688
DAY, ADAM 2,861,058
DAYRIT, RICHARD M. 2,684,676
DE RUIJTER, COR 2,928,688
DE SANCTIS, SERGE 2,774,507
DE VICENTE FIDALGO, JAVIER 2,764,141
DEKKER, PETRUS JACOBUS THEODORUS 2,630,445
DELFOSSE, FREDERIC 2,713,942
DELTA FAUCET COMPANY 2,869,819
DEMILLE, JOHN R. 2,749,303
DENIS, JEAN-NOEL MARIE LEON 2,677,146
DENKER, DENNIS 2,670,829
DENTSPLY INTERNATIONAL INC. 2,800,307
DERYNCK, MIKA K. 2,596,133
DETERMINANTS OF METABOLISM RESEARCH LABORATORY S.R.L. 2,786,764
DEVILLE, DEREK DEE 2,810,329
DIEZ, LUC 2,871,561
DIGONNET, MICHEL J.F. 2,687,687
DIJK, VAN, ALBERTUS ALARD 2,630,445
DIJOSEPH, JOHN FRANCIS 2,830,338
DIMAR S.R.L. 2,658,065
DIOGUARDI, FRANCESCO SAVERIO 2,786,764
DIRKSEN, RONALD JOHANNES 2,855,276
DIXON, JOSEPH MICHAEL 2,892,912
DONG, CHENGLI 2,690,949
DONGNAN ELEVATOR CO. LTD 2,868,433
DONNET, MARCEL 2,615,170
DOPSLAFF, CARSTEN 2,731,694
DOW GLOBAL TECHNOLOGIES LLC 2,784,279
DRAGAN, TUBIC 2,835,306
DRASLER, WILLIAM J. 2,710,770
DSM IP ASSETS B.V. 2,630,445
DUNHAM, DEAN 2,928,427
DUNSMORE, THOMAS J. 2,706,090
DYACHENKO, ALEXANDER 2,912,330
DYKSTRA, JASON D. 2,858,579
DYWIDAG-SYSTEMS INTERNATIONAL PTY LIMITED 2,743,879
EAGLES, DANA 2,735,984
EARLY WARNING SERVICES, LLC 2,602,317
EBINUMA, HIROYUKI 2,716,852
EBRAHIMI TAZEH MAHALLEH, MASOUD 2,834,270
EDENS, LUPPO 2,630,445
EDER, JOHN MICHAEL 2,707,322
EDWARDS LIFESCIENCES PVT, INC. 2,930,296
EDWARDS, DAVID A. 2,709,071
EDWARDS, STEVEN L. 2,780,065
EFFENBERGER, SUSANNE 2,708,491
EIDENSCHINK, TRACEE E.J. 2,710,770
EINNOVATIONS HOLDINGS PTE. LTD. 2,826,795
EL GAMAL, ABBAS 2,809,581
ELAFLEX HIBY TANKTECHNIK GMBH & CO. KG 2,849,622
ELC MANAGEMENT LLC 2,846,775
ELKASEVIC, SUAD 2,779,914
ELRINGKLINGER AG 2,670,191
ENDRES, GUENTER 2,738,850
ENGSTAD, ROLF 2,818,584
ENGSTAD, ROLF 2,818,648
ENGSTAD, ROLF 2,818,650
EON SURGICAL LTD. 2,860,174
ERNST MUEHLBAUER GMBH & CO. KG 2,708,491
ESCO CORPORATION 2,778,973
ESTKOWSKI, REGINA INEZ 2,845,023
ETHICON ENDO-SURGERY, INC. 2,810,329
EVANS, DAVID WILLIAM 2,743,879
EXELIS INC. 2,679,716
EXPRO METERS, INC. 2,723,673
EXPRO METERS, INC. 2,723,692
EXPRO METERS, INC. 2,732,429
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,767,381
F. HOFFMANN-LA ROCHE AG 2,764,141
FABIEN, ROBERT 2,901,634

Index des brevets canadiens délivrés
15 novembre 2016

FACEBOOK, INC. 2,704,680
FACEBOOK, INC. 2,893,486
FAIGL, THOMAS A. 2,823,878
FAN, LIANG-SHIH 2,737,946
FAN, SHANHUI 2,687,687
FAN, SHUJU 2,854,676
FARIN, DANNY 2,860,174
FEDERAL EXPRESS CORPORATION 2,607,128
FEDICH, ROBERT B. 2,767,381
FEENSTRA, SHAWN J. 2,856,237
FEENSTRA, SHAWN J. 2,880,222
FEFER, MICHAEL 2,836,818
FELDMANN, NAKOMI L. 2,743,684
FELTIN, PASCALE 2,871,561
FENDERSON, STEPHEN NEAL 2,820,372
FENG, CHANG-DONG 2,818,943
FERNALD, MARK R. 2,718,476
FERNANDEZ, FABIAN J. 2,686,155
FERRAMOSCA, ADRIAN 2,717,502
FERTON HOLDING S.A. 2,615,170
FICHT, REINHOLD 2,819,909
FIGGAT, ALAN 2,478,912
FIGIEL, JANUSZ 2,850,747
FINK, MATHIAS 2,658,063
FINSCHI, LUKAS 2,773,909
FITZGERALD, CHARLES T. 2,808,275
FLATEV AG 2,890,536
FLOREON-TRANSFORMING PACKAGING LIMITED 2,828,190
FLUOR TECHNOLOGIES CORPORATION 2,820,372
FMC CORPORATION 2,384,494
FONG, TONY S. 2,788,322
FONTOVA, LAURENT 2,596,928
FORMAX INC. 2,703,524
FORO ENERGY, INC. 2,827,961
FORRET, ANN 2,737,105
FOSTER, PAUL LINCOLN 2,725,782
FOWLER, DAVID N. 2,855,455
FRACHON, LOUIS RENAUD PAUL FRANCOIS 2,890,536
FRAMPTON, ANNA JULIA 2,510,557
FRANK, WILLIAM A. 2,916,517
FRANSSON, JONAS 2,704,614
FREISSINET, SEBASTIEN 2,596,928
FRIPP, MICHAEL 2,858,051
FRIPP, MICHAEL LINLEY 2,858,579
FUERTES, LUISA 2,741,157
FUISZ, RICHARD C. 2,749,564
FUJISAKI, TOMOYUKI 2,772,015
FUN-YUEE LU, FRANK 2,724,621
FURMAN, GARY S. 2,786,403
FURUSKAR, ANDERS 2,711,607
GABOR, BRAD KANE 2,510,557
GAFNI, IZHAR 2,884,008
GAGNON, LYNE 2,708,679
GAIA WOOD PATENT A/S 2,700,730
GALEA, ANTHONY 2,686,095
GALLAGHER GROUP LIMITED 2,901,634
GALLY, DANIEL H. 2,865,853
GANGWAR, SANJEEV 2,864,420
GANO, JOHN C. 2,858,051
GANZ, HOLGER 2,862,041
GAO, SHIWEI 2,834,270
GAO, YONG 2,800,307
GAO, YUAN 2,384,494
GARAJ, SLAVEN 2,700,862
GARDNER DENVER DEUTSCHLAND GMBH 2,750,662
GARG, DIWAKAR 2,820,372
GARNER, CRAIG C. 2,686,155
GAUS, DAVID J. 2,715,883
GAUSELMANN, MICHAEL 2,441,169
GAUTHIER, THIERRY 2,737,105
GEERTS, HUGO ALFONSO 2,333,910
GEERTS, LILIANNE 2,708,679
GEIST, BERTWIN R. 2,819,909
GEN-PROBE INCORPORATED 2,903,084
GENENTECH, INC. 2,596,133
GENENTECH, INC. 2,904,259
GENERAL CABLE TECHNOLOGIES CORPORATION 2,806,875
GEORGIA-PACIFIC CONSUMER PRODUCTS LP 2,749,303
GEORGIA-PACIFIC CONSUMER PRODUCTS LP 2,780,065
GEORGIA-PACIFIC CONSUMER PRODUCTS LP 2,854,996
GERBER, HANS-PETER 2,830,338
GERLACH, CHRISTIAN GERHARD FRIEDRICH 2,862,700
GHOSH, KUNAL 2,809,581
GIENGIEL, WOJCIECH 2,856,963
GIESECKE & DEVRIENT GMBH 2,738,850
GIGNAC, OLIVIER 2,835,306
GILL, JASBIR S. 2,724,621
GIUSTI, STEPHANE RENE JULIEN 2,774,507
GLAXOSMITHKLINE LLC 2,798,622
GOLOVCHENKO, JENE A. 2,700,862
GOOGLE INC. 2,754,120
GOOGLE INC. 2,827,611
GOOGLE INC. 2,836,072
GOOGLE TECHNOLOGY HOLDINGS LLC 2,823,074
GOOGLE, INC. 2,572,582
GOTO, KUNIO 2,872,848
GOULD, ROB S. 2,806,875
GRACE, DAVID 2,557,516
GRACYALNY, DALE T. 2,749,303
GRANT, SETH 2,798,622
GRIGORIEV, VLADIMIR E. 2,786,403
GRILLO-LOPEZ, ANTONIO J. 2,904,259
GROELL, JULIAN 2,903,084
GROHENS, REGIS 2,740,512
GTECH GERMANY GMBH 2,441,169
GU, JIANXIN 2,881,420
GUENTHER, CARSTEN 2,833,511
GUINCHARD, XAVIER JEAN GEORGES MARIE 2,677,146
GULER, FATIH 2,692,468
GUM, ARNOLD JASON 2,833,072
GUMENYUK, MARYNA E. 2,610,243
GUNDOTRA, VIVEK 2,808,275
GUO, DAVID HONG FEI 2,784,279
GUO, SHIGUANG 2,834,270
GUPTA, RITIKA 2,883,379
GUSTAFSSON, NIKLAS 2,722,675
GUVELIOGLU, GALIP HAKAN 2,868,576
GWERDER, ERIC J. 2,921,563
GYSLING, DANIEL L. 2,723,673
GYSLING, DANIEL L. 2,723,692
GYSLING, DANIEL L. 2,732,429
HABERSTROH, JAMES A. 2,852,689
HAGEDORN, J. DAVID 2,772,843
HAGELSTEIN, PETER 2,695,944
HAGGERTY, ROBERT C. 2,921,563
HAIDAR, EDWARD 2,868,837
HALL, KENNETH 2,845,469
HALLIBURTON ENERGY SERVICES, INC. 2,832,548
HALLIBURTON ENERGY SERVICES, INC. 2,855,276
HALLIBURTON ENERGY SERVICES, INC. 2,857,201
HALLIBURTON ENERGY SERVICES, INC. 2,858,051
HALLIBURTON ENERGY SERVICES, INC. 2,858,579
HAMBLEN, JAMES BLAIR 2,779,024
HAMEL, JOSEE 2,789,252
HAMMER, AARON C. 2,857,509
HAN, PENGDI 2,869,688
HANADA, KAZUYUKI 2,859,938
HANCOCK, DAVID 2,703,524
HANSELMANN, ROGER 2,738,236
HANSEN, DAVID 2,703,524
HANSEN, MARK D. 2,749,303
HANSEN, ROBERT 2,735,984
HARA, TAKAYUKI 2,862,759
HARIHARAN, MADHUSUDAN 2,749,564
HARRISON, ROBERT 2,868,837
HARRISON, ROBERT MARK 2,834,270
HARTOG, ARTHUR 2,809,660
HAUG, ALEXANDER 2,731,694
HAUSCHILD, JOHN 2,855,455
HAUSDORFF, WILLIAM P. 2,673,558
HAY, DANIEL N. T. 2,823,878
HAY, RICHARD T. 2,857,201
HAYES, SIMON ANTONY 2,828,190
HEARN, ALEX 2,883,379
HEBERT, PATRICK 2,835,306
HEBERT, TIMOTHY R. 2,669,688
HEGEMAN, PETER S. 2,690,949
HEIKKONEN, JUSSI 2,724,946
HEINRICH, RUSSELL 2,855,455
HENDERSON, RICHARD S. 2,573,137
HENNING, MARK DANIEL 2,679,716
HERBERT, KAY 2,692,468
HERLIHY, SHAUN 2,741,157
HERZER, BERNARDO J. 2,768,561
HETHERINGTON, PHILIP ALAN 2,840,730
HIGGINBOTHAM, PAUL 2,868,576
HIGGINS, JOEL C. 2,772,067

Index of Canadian Patents Issued
November 15, 2016

HIGUCHI, KATSUMICHI 2,875,295
HIGUCHI, KENICHI 2,715,214
HILLAN, JOHN 2,840,093
HIROSE, SHIGEKI 2,670,829
HIROSE, TADAFUMI 2,668,536
HJERTMAN, BIRGER 2,704,614
HO, TATT WEI 2,809,581
HODGSON, RODNEY 2,684,676
HODZIC, ALMA 2,828,190
HOEPPNER, JACY 2,772,067
HOERTNAGL, ANDREAS 2,678,703
HOFMAN, HENK 2,928,688
HOLDERMAN, LUKE W. 2,858,051
HOLFORD, WARREN 2,478,912
HOLLOWAY, PRESTON CARL 2,678,276
HOLM, ALF 2,692,261
HOLM, CLAUS LUDVIG ENGELBRECHT 2,700,730
HONDA MOTOR CO., LTD. 2,668,536
HONDA MOTOR CO., LTD. 2,871,396
HOPKE, FREDERICK KARL 2,854,536
HORIBE, NORIFUMI 2,878,826
HOSHI, SAKUTARO 2,903,302
HOSHINO, KATSUYA 2,813,070
HOTEIT, ALI 2,737,105
HU, ZHIYUAN 2,680,376
HUA, MENG 2,854,676
HUANG, LOTUS HUA 2,784,279
HUANG, YAN 2,843,922
HUAWEI TECHNOLOGIES CO., LTD. 2,795,272
HUAWEI TECHNOLOGIES CO., LTD. 2,843,922
HUAWEI TECHNOLOGIES CO., LTD. 2,845,413
HUAWEI TECHNOLOGIES CO., LTD. 2,854,676
HUERTA, DIANA 2,684,676
HUFSCHMIED ZERSPANUNGSSYSTEME GMBH 2,885,208
HUFSCHMIED, RALPH 2,885,208
HUGHES, RICK 2,699,527
HUSKY INJECTION MOLDING SYSTEMS LTD. 2,781,542
HUSKY INJECTION MOLDING SYSTEMS LTD. 2,874,926
HUSZAR, HILLARY K. 2,921,563
I.G. CARDBOARD TECHNOLOGIES LTD. 2,884,008
IBASCO, ALEX D. 2,826,795
ID BIOMEDICAL CORPORATION OF QUEBEC 2,789,252
IDESHIO, YUKIHIKO 2,908,212
IFP ENERGIES NOUVELLES 2,737,105
IGARASHI, TATSUYA 2,703,158
IIKURA, HIROKI 2,668,536
IKEDA, SHINYU 2,900,162
IMAI, MARIKO 2,703,158
INETCO SYSTEMS LIMITED 2,706,737
INGRAIN, INC. 2,850,799
INNOPHOS, INC. 2,713,942
INOUE, YUJI 2,908,212
INRIA INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE 2,503,357
INTERDIGITAL TECHNOLOGY CORPORATION 2,628,375
INTERDIGITAL TECHNOLOGY CORPORATION 2,860,336
INTERNATIONAL PAPER COMPANY 2,871,115
INVENTIO AG 2,773,909
IRIBA, TORU 2,900,162
IRWIN INDUSTRIAL TOOL COMPANY 2,845,469
ITO, KAZUHIKO 2,864,988
IWASAKI, NORIMASA 2,703,158
IYENGAR, JAGANNATHAN N. 2,767,381
J. BAXTER BRINKMANN INTERNATIONAL CORPORATION 2,651,073
JACOB, CHRISTOPHE 2,846,775
JACQUESON, ERIC 2,871,561
JAERVENTAUSTA, MAIJA 2,723,573
JANSSEN PHARMACEUTICA N.V. 2,333,910
JAVAHERY, GHOLAMREZA 2,699,118
JAWORSKI, STEVEN T. 2,631,570
JENKO, EDWARD JOSEPH 2,781,542
JENSON, MARK L. 2,710,770
JFE STEEL CORPORATION 2,813,070
JIA, YONGKANG 2,834,270
JIAO, SHURONG 2,854,676
JIMENEZ GARCIA, JAVIER 2,750,994
JIN, KI HO 2,820,560
JIN, ROBERT KANG-XING 2,704,680
JIN, WEI 2,692,468
JINNAI, NAOYA 2,908,212
JOHANSSON, PELLE 2,584,275
JOHNS, GRAHAM 2,901,634
JOHNSON, GRAHAM 2,738,236
JOHNSON, NEIL 2,798,622
JOHNSON, RICK A. 2,865,853
JOHNSON, THOMAS 2,571,156
JOLLIFFE, CHARLES L. 2,699,118
JONES, MICHAEL R. 2,928,427
JONSSON, RICHARD 2,677,562
JOSEPH, CHRISTOPHER W. 2,688,361
JOSEPH, PETER D. 2,651,073
JOSON, EDUARDO RAMON G. 2,826,795
JOURNADE, FREDERIC 2,756,345
JUAN, YUN-FANG 2,704,680
JUDO WASSERAUFBEREITUNG GMBH 2,731,694
KABUSHIKI KAISHA TOYOTA JIDOSHOKKI 2,903,302
KADER, KAMAL 2,809,660
KAI, MASASHI 2,668,536
KAKAVAND, ALI 2,702,213
KAMLER, JONATHAN JACQUES 2,709,071
KAMPPURI, TAINA 2,723,573
KANDA, YASUTAKA 2,900,162
KANERVA, RONALD 2,861,810
KANG, HONGQIAO 2,868,433
KANKI, HISAYUKI 2,900,162
KARABINIS, PETER D. 2,863,510
KASAHARA, YASUHIKO 2,703,158
KASSEM, SALIM 2,642,341
KATAOKA, AKIRA 2,862,759
KAUPPINEN, ESKO I. 2,724,946
KAWAMURA, DAISUKE 2,703,158
KAWASHIMA, TAKAHIRO 2,724,044
KEENER, STEVEN G. 2,792,752
KELLEY, MICHAEL R. 2,699,527
KELLOGG, GREGORY JOHN 2,609,016
KELSEY, STEPHEN M. 2,596,133
KENDALL, TIMOTHY A. 2,704,680
KENNEDY, THOMAS D. 2,684,676
KERO, MARKKU 2,707,467
KERSEY, ALAN D. 2,897,288
KEULEERS, ROBBY RENILDE FRANCOIS 2,828,650
KEY TECHNOLOGY, INC. 2,928,427
KEYS, CHRISTOPHER EDWARD 2,707,467
KHANDKE, KIRAN MANOHAR 2,830,338
KIDMABI, SRIKANTH S. 2,724,621
KIEN, KATHRYN C. 2,743,684
KIKO, FREDERICK J. 2,715,643
KIM, JIN-HWAN 2,881,420
KIM, SOON SEOK 2,880,531
KIMURA, KAZUYA 2,859,938
KIND CONSUMER LIMITED 2,883,379
KIRILLOV, ROMAN 2,836,072
KIRSCH, WOLFF M. 2,417,962
KISHIYAMA, YOSHIHISA 2,715,214
KITADA, YASUTERU 2,900,162
KLEPPA, ERLING 2,718,215
KLINE, KOREY ROBERT 2,810,329
KNIGHT, BYRON J. 2,903,084
KNIGHT, CHRIS 2,710,345
KNIGHT, STEVEN D. 2,798,622
KOEKOEK, MENNO 2,928,688
KONDO, KUNIO 2,863,187
KORDAHI, MAURICE E. 2,788,322
KOSHIO, KAIHEI 2,715,789
KOSTKA, DAVID 2,768,561
KOTSONIS, SPYRIDON 2,745,086
KRASZEWSKI, ALAN J. 2,749,303
KRAUSE, JOHANNES 2,826,447
KRETZ-ROMMEL, ANKE 2,574,488
KROSAKIHARIMA CORPORATION 2,852,200
KUCHEL, MARK ANTHONY 2,831,956
KUNKEL, LORI A. 2,904,259
KUO, ERIC 2,702,213
KUSHAL, SETH 2,851,015
KVEEN, GRAIG L. 2,710,770
LABORATORIOS SENOSIAIN S.A. DE C.V. 2,859,487
LADELY, TRICIA GUEVARA 2,699,527
LAFONT, LAURENT 2,756,345
LAFRANCE, LOUIS 2,798,622
LAM, HEUNG CHUAN 2,609,016

Index des brevets canadiens délivrés
15 novembre 2016

LAMARTINO, SALVATORE 2,703,524
LANDMARK GRAPHICS CORPORATION 2,878,708
LANDMARK GRAPHICS CORPORATION, A HALLIBURTON COMPANY 2,714,731
LANE, STEVEN GODFREY 2,670,445
LARIN, VALERIY 2,912,330
LASSEEL, SAMMY 2,748,329
LAZAROV, MIRELLA 2,674,384
LEICA GEOSYSTEMS AG 2,817,033
LEICA GEOSYSTEMS AG 2,822,180
LEINONEN, RAINER 2,707,467
LEMAIRE, JEAN-MICHEL 2,871,561
LENSBOUER, JOSHUA 2,861,603
LEON, ARNAUD 2,604,330
LESLIE, SCOTT 2,701,754
LESUEUR, DIDIER 2,713,942
LEUNG, KA KUEN 2,850,747
LEVINE, MARSHALL S. 2,694,650
LEVITON MANUFACTURING COMPANY, INC. 2,707,322
LHERMEROULT, AUDREY 2,871,561
LI, BIN 2,784,279
LI, FANXING 2,737,946
LI, JIM 2,764,141
LI, LING 2,852,200
LI, MING 2,868,837
LI, WEI 2,868,433
LI, XIAOJIN HARRY 2,786,403
LIGHT SOURCES, INC. 2,716,945
LILJAS, MATS 2,584,275
LIN, HONGYONG 2,795,272
LINDEE, SCOTT A. 2,703,524
LIQUID MOLDING SYSTEMS, INC. 2,715,883
LISCHUK, GORDON 2,738,394
LIU, HANG 2,727,473
LIU, JUN 2,836,818
LIU, QIANG 2,843,922
LOCKHEED MARTIN CORPORATION 2,662,540
LOMA LINDA UNIVERSITY MEDICAL CENTER 2,417,962
LOO, JIA MIN 2,890,045
LOPEZ, JEAN MARC 2,858,051
LOS, OLEG 2,776,499
LOUDEN, PHILIP 2,745,086
LOUGHEED, CHRISTOPHER W. 2,730,731
LOVE, DANIEL B. 2,737,275
LOWE, STUART BHIMSEN 2,883,379
LOWNDS, CHARLES MICHAEL 2,779,024
LU, LAN 2,784,279
LUBINSKI, ALEXANDER A. 2,921,563
LUCAS-CLEMENTS, DANIEL 2,717,502
LUCOVSKY, MARK H. 2,808,275
LUI, XIAOBO 2,843,922
LUTES, LENNARD 2,573,137
M-I DRILLING FLUIDS UK LIMITED 2,665,190
MA, WEIMING WAYNE 2,784,279
MA, YIPING 2,868,433
MABE, JAMES H. 2,845,155
MACHADO AMORIM, TIAGO 2,871,561
MACHONIS, MERIDITH LEE 2,737,257
MACNEIL IP LLC 2,893,892
MACNEIL, DAVID F. 2,893,892
MADDISON, KYLE 2,836,072
MADISH, JOHN K. 2,699,527
MADISON, STEPHEN ALAN 2,728,978
MAEDER, SERGE 2,696,060
MAIDA, JOHN L. 2,897,288
MAKI, VOLDI E., JR. 2,832,548
MALLINDER, PHILIP 2,670,445
MALM, HOWARD L. 2,678,569
MALPACK STRETCH FILM 2,686,095
MAN, JONATHAN 2,709,071
MANDAROUX, BASTIEN 2,743,583
MANDREKAR, ISHAN 2,727,473
MARATHON OIL COMPANY 2,844,842
MARCICHOW, MARTIN E. 2,692,468
MARIN, DELPHINE 2,710,345
MARINIER, PAUL 2,628,375
MARITZ, PAUL A. 2,808,275
MARKO, LASZLO 2,716,945
MARON, ROBERT J. 2,718,476
MARQUETTE, KIMBERLY ANN 2,830,338
MARTIN, DENIS 2,757,852
MARTIN, DENIS 2,789,252
MARTIN, JEAN-VALERY 2,713,942
MARUYAMA, TOSHIAKI 2,574,488
MASANEK, FREDERICK W., JR. 2,893,892
MASURE, STEFAN LEO JOZEF 2,333,910
MATA, GILBERT, JR. 2,921,563
MATAIGNE, JEAN-MICHEL 2,871,561
MATHERN, PETER D. 2,892,912
MATHUR, SAURABH 2,727,473
MATOV, VADIM 2,702,213
MATSUZAKI, TAIGA 2,689,711
MAXWELL, RANDALL 2,800,307
MAY, PETER STEPHEN 2,756,019
MAYO, RICH 2,602,317
MAZIUK, JOHN JR. 2,856,974
MAZZELLA, LYNN 2,846,775
MCAFFRY, KAREN D. 2,805,473
MCCARTHY, BRENDAN A. 2,833,511
MCCLAIN, JAMES B. 2,679,712
MCCULLOUGH, STEPHEN J. 2,780,065
MCDONNELL, SHAMUS 2,738,394
MCKEOWN, JEAN CHRISTOPHE 2,474,887
MCLINN, MATTHEW S. 2,806,875
MCMASTER UNIVERSITY 2,638,183
MCNERNEY, KEVIN 2,743,583
MCWHIRTER, JOHN 2,574,488
MEDIMMUNE LIMITED 2,670,445
MEDLINE INDUSTRIES, INC. 2,737,275
MEDTRONIC PS MEDICAL, INC. 2,727,402
MEEHAN, STEVEN KYLE 2,869,819
MEERT, THEO FRANS 2,333,910
MEHTALI, MAJID 2,604,330
MELCHER, SIEGFRIED 2,731,694
MENDEZ, JEREMIAH A. 2,788,322
MENICON SINGAPORE PTE LTD. 2,836,759
MERCK SERONO S.A. 2,710,345
METALOGENIA, S.A. 2,750,994
METAVANTE CORPORATION 2,557,516
MEYER, HEINZ-ULRICH 2,849,622
MEYER-LUECKEL, HENDRIK 2,708,491
MICELL TECHNOLOGIES, INC. 2,679,712
MICHELIN RECHERCHE ET TECHNIQUE S.A. 2,757,852
MICHIKOSHI, YOUSUKE 2,908,212
MICRONET CO., LTD. 2,864,988
MICROSOFT TECHNOLOGY LICENSING, LLC 2,722,675
MICROSOFT TECHNOLOGY LICENSING, LLC 2,808,275
MIDDLETON-HARDIE, CATHERINE 2,674,384
MIEDZYNARODOWY INSTYTUT BIOLOGII MOLEKULARNEJ I KOMORKOWEJ 2,833,335
MIKI, NOBUHIKO 2,715,214
MILLER, BILL L. 2,571,156
MILLER, JEFFREY 2,728,240
MILLER, SHAUN 2,806,875
MILLER, WILLIAM H. 2,798,622
MILLIMAN, KEITH L. 2,673,187
MINAMI, AKIO 2,703,158
MINGIONE, LOUIS P. 2,706,090
MITAL, AMIT 2,808,275
MITCHELL, ROBERT FRANKLIN 2,878,708
MITSUBISHI HITACHI POWER SYSTEMS, LTD. 2,858,454
MO, XIAOXIONG 2,692,468
MOCHIDA PHARMACEUTICAL CO. LTD. 2,703,158
MOGGED, OTTO, III 2,749,303
MOH, JON 2,717,855
MOHLER, SAILOR HAMPTON 2,478,912
MOLLER, BERND 2,817,033
MOLLOY, GREGORY 2,763,253
MONOSOL RX, LLC 2,749,564
MONS, CLAUDE MARCEL 2,774,507
MONTALDO, GABRIEL 2,658,063
MORANDO, JORGE A. 2,573,137
MORDUE, GEORGE 2,573,137
MOREAU NEE LAFFONT, NICOLE JEANNE 2,677,146
MORGAN, CURTIS A. 2,826,729
MORIKAWA, KATSUMI 2,852,200
MORIKAWA, MICHIO 2,875,295
MORPHO DETECTION, INC. 2,647,651
MORRIS, JOHN D. 2,724,621
MOSS, WAYNE L. 2,823,878
MOSSBROOK, MENDY W. 2,684,676
MOTION METRICS INTERNATIONAL CORP. 2,781,349
MOYSES, CHRIS 2,883,379
MTPV POWER CORPORATION 2,695,944

Index of Canadian Patents Issued
November 15, 2016

MUDD, CHRISTOPHER S.	2,743,583
MULHOLLAND, DAN	2,478,912
MULLER, JONAS	2,890,536
MURATA, KENICHI	2,858,454
MURRAY, FRANK C.	2,780,065
NABAVI, NIMA	2,781,349
NABTESCO CORPORATION	2,900,162
NAGATA, SATOSHI	2,823,145
NAKASHIMA, DAIICHIRO	2,789,659
NAKATSUKA, SHINJIRO	2,863,187
NALCO COMPANY	2,724,621
NALCO COMPANY	2,738,667
NALCO COMPANY	2,786,403
NALCO COMPANY	2,823,878
NASATO, GUGLIEIMO	2,82[illegible],372
NASIATKA, JASON R.	2,850,747
NASIBULIN, ALBERT G.	2,724,946
NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY	2,703,158
NATSUI, EDWARD CHARLES	2,865,853
NDT TECHNOLOGIES	2,835,681
NEIDHARDT, KLAUS	2,731,694
NESTEC S.A.	2,724,750
NETBIO, INC.	2,609,016
NEUROPACE, INC.	2,702,944
NEUVILLE, LUC	2,677,146
NEWLANDER, KENNETH	2,798,622
NEWMAN, STEPHEN D.	2,836,759
NIKOLOVA, NATALIA K.	2,638,183
NIPPON STEEL & SUMITOMO METAL CORPORATION	2,863,187
NIPPON STEEL & SUMITOMO METAL CORPORATION	2,872,848
NISHIGAKI, KENJI	2,900,162
NISHIO, KAZUAKI	2,892,276
NISSAN MOTOR CO., LTD.	2,878,826
NOF CORPORATION	2,715,789
NOHMI BOSAI LTD.	2,724,044
NOK CORPORATION	2,881,850
NOKLAND, THOR	2,818,584
NOUSIAINEN, PERTTI	2,723,573
NTT DOCOMO, INC.	2,715,214
NTT DOCOMO, INC.	2,823,145
NUR, BOAZ	2,850,799
NYCKOWSKI, ANDREW J.	2,852,689
O'BRIEN, ROBERT S.	2,857,509
O'DONOGHUE, JEREMY R.	2,840,093
O'KEEFE, CHRISTIAN	2,718,476
O'TOOLE, LAWRENCE	2,901,634
ODABASHIAN, ROBERT A.	2,684,676
OHADI ESFAHANI, ARYA	2,781,349
OHE, TARO	2,863,187
OHIKE, HIROKAZU	2,715,789
OHZAWA, NOBUO	2,703,158
OLLIKAINEN, ANDREI	2,724,946
OLSON, LESLIE E.	2,826,729
OLSSON, LENNART	2,735,984
OMURA, TOMOHIKO	2,863,187
ONA GONZALEZ, FRANCISCO	2,800,196
ONESTEEL WIRE PTY LIMITED	2,901,634
ONO, KEI	2,878,826
OOTSUKA, SHINJI	2,813,070
ORICA EXPLOSIVES TECHNOLOGY PTY LTD	2,779,024
ORTHOTROPHIX, INC.	2,674,384
OSRAM SYLVANIA INC.	2,766,659
OSRAM SYLVANIA INC.	2,776,185
OSRAM SYLVANIA INC.	2,868,837
OSTROFF, ALAN H.	2,587,856
OTOME, YOHEI	2,863,187
OUCHI, WATARU	2,789,659
OUTOKUMPU OYJ	2,584,275
OWEGER, BERND	2,738,850
PALAMARA, JOHN EUGENE	2,868,576
PALIHAPITIYA, CHAMATH M.	2,704,680
PALMER, MATTHEW A.	2,810,329
PALREDDY, SUREKHA	2,587,856
PALTIEL-ZUCATI, JUDITH N.	2,698,451
PARADISO, PETER R.	2,673,558
PARCOLYS FLOORING N.V.	2,748,329
PAREKH, UDAY NAVIN	2,820,372
PARIS, SEBASTIAN	2,708,491
PARIS, STEPHEN W.	2,841,566
PARSONS, NATAN E.	2,692,468
PASEK, JAMES E.	2,703,524
PATE, RANDELL, ERNEST	2,802,236
PATEL, AMIT	2,572,582
PATEL, UMESH H.	2,728,240
PAUL, MIRCEA DAN	2,700,469
PEARSON, RICHARD DAVID	2,656,659
PELTZ, JEFFREY E.	2,607,128
PENNEY, CHRISTOPHER	2,708,679
PENUEL, MICHAEL	2,779,914
PEREZ FALCON, JORGE LUIS	2,800,196
PEREZ SORIA, FRANCISCO	2,750,994
PEREZ, SYLVIE	2,743,384
PEREZ-PRAT VINUESA, EVA MARIA	2,828,650
PERKINELMER HEALTH SCIENCES CANADA, INC.	2,699,118
PERLICK CORPORATION	2,643,007
PERROTTA, ROBERT	2,602,317
PERRY, DAVID	2,767,381
PERUMANAM, RAMKUMAR	2,727,473
PETERSON, S. BARRETT	2,757,628
PETROLEUM TECHNOLOGY COMPANY AS	2,718,215
PEUSSA, JOUKO TAPANI	2,750,662
PFIZER INC.	2,881,420
PGS GEOPHYSICAL AS	2,723,159
PHAM, VICTOR D.	2,865,853
PHILIP MORRIS PRODUCTS S.A.	2,696,060
PHILIPS LIGHTING HOLDING B.V.	2,756,019
PIADE, JEAN-JACQUES	2,696,060
PICHAT, PATRICK	2,615,170
PLESS, BENJAMIN	2,702,944
POGET, LAURENT EDOUARD	2,696,060
POPOV, LEV	2,893,486
POULSEN, OLE	2,909,118
POWER PANEL, INC.	2,701,754
PRASAD, A. KRISHNA	2,673,558
PRASAD, A. KRISHNA	2,881,420
PRESIDENT AND FELLOWS OF HARVARD COLLEGE	2,700,862
PROMETIC BIOSCIENCES INC.	2,708,679
PURDUE PHARMA L.P.	2,737,257
PURE TECHNOLOGIES LTD.	2,738,394
PURINA ANIMAL NUTRITION LLC	2,571,156
PURSER, RAYMOND	2,733,786
PYROTEK INC.	2,573,137
QIN, JIANCONG	2,868,433
QIU, XIAO	2,617,714
QIU, XIAO	2,680,376
QNX SOFTWARE SYSTEMS LIMITED	2,840,730
QUALCOMM INCORPORATED	2,788,843
QUALCOMM INCORPORATED	2[illegible]3,072
QUALCOMM INCORPORATED	2,840,093
QUATTROPANI, ANNA	2,710,345
QUIROZ-HERNANDEZ, ESTEBAN	2,756,345
RABINER, ROBERT	2,679,712
RADIODETECTION LIMITED	2,656,659
RAJAN, RAKESH	2,823,074
RAMBOW, FREDERICK HENRY KREISLER	2,696,782
RAMESH VALLABHANENI	2,595,897
RAMSOY, DAG-EIRIK	2,818,648
RAMSOY, DAG-EIRIK	2,818,650
RANDALL, LARRY	2,861,058
RAYTHEON COMPANY	2,669,688
REDA, RALPH J.	2,647,651
REED, JAMES C.	2,631,570
REEVE, MAXWELL M.	2,738,236
REM TECHNOLOGY INC.	2,678,569
REMBISZ, JUSTINE	2,854,536
RENZELLO, RANDON	2,823,878
REUSS, STEFFEN	2,708,491
RHEAULT, PATRICK	2,789,252
RHEON AUTOMATIC MACHINERY CO., LTD.	2,875,295
RIB-X PHARMACEUTICALS, INC.	2,738,236
RICHARD, JOELLE	2,871,561
RICOH COMPANY, LIMITED	2,862,759
RIOUX, STEPHANE	2,789,252
RIVAUD, ANDRE	2,743,384
RIVETT, JANET W.	2,684,676
ROBERTSON, DANIEL W.	2,737,787
ROBITAILLE, JEAN-PIERRE	2,872,390
ROCHETTE, FELIX	2,835,306
ROCO, CRAIG	2,826,729
ROELLIN, STEFAN	2,773,909
ROJAS, FABIAN FIDEL	2,855,276
ROL CORREDOR, JAVIER	2,750,994
ROMERIL, STUART	2,798,622
ROOP, STEPHEN S.	2,826,729
ROSEMOUNT ANALYTICAL, INC.	2,818,943
ROSEN, DAVID	2,674,384
ROSENSTEIN, JUSTIN M.	2,704,680
ROSENSTIEL, TERRY L.	2,916,517
ROSS, ADAM J.	2,640,399
ROSTER, THOMAS	2,935,163
ROUSE, CRAIG	2,710,345
ROUSE, MEAGAN B.	2,798,622
ROY, VINCENT	2,628,375

Index des brevets canadiens délivrés
15 novembre 2016

ROYAN, RENAUD GABRIEL CONSTANT 2,740,512
ROYLE, JOHN MARK 2,656,659
RUDDER, ERIC D. 2,808,275
RUDLAND, PHILIP ANDREW 2,756,019
RUDOLF WILD GMBH & CO. KG 2,702,822
RUDOLF, MARIAN 2,628,375
RUIZ, CARLOS 2,890,536
RUSHWORTH, THOMAS BRYAN 2,706,737
RUTHVEN, PAUL J. 2,749,303
SAAB AB 2,677,562
SABALA IZABELA 2,833,335
SADKI, EL-HADI S. 2,700,862
SAH, PRATIKA 2,921,563
SAINT-PIERRE, ERIC 2,835,306
SALZER, TOBIAS 2,738,850
SAMBROOK, RODNEY MARTIN 2,665,190
SAMUEL, ROBELLO 2,857,201
SANCHEZ, JOSE 2,709,071
SANCHEZ-BRUNETE ALVAREZ, DESIDERIO 2,741,486
SANDBERG, GLENN 2,703,524
SANDVIK INTELLECTUAL PROPERTY AB 2,733,786
SANZ, JUAN MARTIN 2,781,354
SAPRA, PUJA 2,830,338
SARAF, SOMESH 2,823,074
SASAKI, AKINARI 2,852,200
SASS, MATTHIAS 2,702,822
SATO, SHUYA 2,875,295
SAUCRAY, JEAN MICHEL 2,756,345
SAUSKA, CHRISTIAN L. 2,716,945
SAWAHASHI, MAMORU 2,715,214
SAWASKI, JOEL D. 2,869,819
SCHLUMBERGER CANADA LIMITED 2,690,949
SCHLUMBERGER CANADA LIMITED 2,717,502
SCHLUMBERGER CANADA LIMITED 2,745,086
SCHLUMBERGER CANADA LIMITED 2,809,660
SCHNITZER, MARK J. 2,809,581
SCHOENFELD, RYAN CRAIG 2,764,141
SCHOLZ, CLAUDIA 2,702,822
SCHONFELD, RAIK 2,912,330
SCHORR, CHRISTIAN 2,822,180
SCHOTTLE, GARY 2,714,731
SCHROEDER, FRANK 2,822,180
SCHULTZ, GARTH J. 2,701,754
SCHULZ, GALYN A. 2,749,303
SCHUMACHER, THOMAS 2,670,191
SCHWARZ, MATTHIAS 2,710,345
SCIRICA, PAUL A. 2,604,994
SCORRANO, LUCIO 2,724,750
SEBILLE, ERIC 2,710,345
SEDEHI, JAVAD 2,679,716
SEINLWIN, FELICIA P. 2,921,563
SEKISUI MEDICAL CO., LTD. 2,716,852
SEMINIS VEGETABLE SEEDS, INC. 2,510,557
SENOSIAIN ARROYO, HECTOR 2,859,487
SEO, MASANAO 2,863,187
SETOODEH, AMIN 2,737,275
SEVHEIM, OLE 2,718,215
SEXTON, TIMOTHY N. 2,757,628
SEYDEL, JOSEPH JAMES 2,865,853
SGAMBATI, GLEN 2,602,317
SHAHEEN, KAMEL M. 2,860,336
SHAKRA, FRED J. 2,745,086
SHARP KABUSHIKI KAISHA 2,789,659
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,696,782
SHELTON, JAYE 2,672,360
SHERRITT INTERNATIONAL CORPORATION 2,678,276
SHEW, JERRY D. 2,688,361
SHEYNBLAT, LEONID 2,833,072
SHIBATA, RYOSUKE 2,668,536
SHIBUKI, KATSUAKI 2,871,396
SHIINO, DAIJIRO 2,715,789
SHIMADA, MASAHIKO 2,715,789
SHIMODA, KENJI 2,892,276
SHINN, DON K., JR. 2,688,361
SHIROKI CORPORATION 2,772,015
SHIVASHANKARA, BELUR N. 2,845,155
SHORT, KEITH W. 2,808,275
SIBER, GEORGE RAINER 2,673,558
SIEMENS INDUSTRY, INC. 2,631,570
SIEMENS INDUSTRY, INC. 2,737,787
SIGNODE INTERNATIONAL IP HOLDINGS LLC 2,850,747
SIGNODE INTERNATIONAL IP HOLDINGS LLC 2,852,689
SIM, STANLEY 2,717,855
SIMMONS, WALTER JOHN 2,850,200
SIMMONS, WALTER NEAL 2,850,200
SIMONDS, FLOYD R. 2,858,051
SIMONS, CURTIS M. 2,757,628
SIMPLY AUTOMATED, INCORPORATED 2,715,643
SINGH, KAVIRAJ 2,808,275
SLOAN VALVE COMPANY 2,692,468
SLUKVIN, IGOR I. 2,610,243
SMART SYSTEMS, INC. 2,892,223
SMITH INTERNATIONAL, INC. 2,672,360
SMITH, JACK ANTHONY 2,834,270
SMITH, KEVIN W. 2,810,329
SMITH, MICHAEL J. 2,679,716
SNECMA 2,740,512
SNECMA 2,774,507
SNIDER, PHILIP M. 2,844,842
SNYDER, CHRISTOPHER D. 2,778,973
SOECKNICK, RALF 2,731,694
SOILMEC S.P.A. 2,728,854
SOLEM, JAN-OTTO 2,794,303
SOLEM, STEIN-TORE 2,818,648
SOLVAY CHEMICALS, INC. 2,856,974
SONOMEDICA, INC. 2,478,912
SONY CORPORATION 2,771,840
SPENSER, BENJAMIN 2,930,296
SPINFRY, INC. 2,725,782
SPIRO, PETER M. 2,808,275
SPX FLOW TECHNOLOGY DANMARK A/S 2,909,118
STAHL, JUERGEN KARL 2,738,850
STANPAC INC. 2,888,874
STARR, ROBERT A. 2,698,451
STEENE, ERIK 2,818,650
STEINER, MATTHEW S. 2,827,611
STIX, ROBERT K. 2,788,322
STOCKLEY, III, H. WALKER 2,684,676
STOKKA, ØYVIND 2,718,215
STOLL, NATHAN 2,572,582
STORIE, BLAKE R. 2,743,583
STROBEL, JOHN M. 2,643,007
STROMINGER, MICHAEL G. 2,823,878
SU, WINSTON 2,786,403
SUFI, BILAL 2,864,420
SUHRER, MICHAEL 2,850,799
SULTANA, VICTOR, ALEXANDER 2,802,236
SUN CHEMICAL B.V. 2,741,157
SUN, QUANCHENG 2,843,922
SUNBEAM PRODUCTS, INC. 2,861,058
SUNCOR ENERGY INC. 2,836,818
SUPER SONIC IMAGINE 2,658,063
SUPER, GUY H. 2,780,065
SUYAMA, DAIKI 2,908,212
SUZUKI, SHOICHI 2,789,659
SWAAF, DE, MAXIMILIAAN PETER MARIE 2,630,445
SWEDISH ORPHAN BIOVITRUM AB (PUBL) 2,704,614
SYNERGIO AG 2,794,303
SYNTHEON INC. 2,699,527
TAFAZOLI BILANDI, SHAHRAM 2,781,349
TAKABE, HIDEKI 2,863,187
TAKAHASHI, KENICHI 2,859,938
TAKAMA, AKINORI 2,875,295
TALAMAS, FRANCISCO XAVIER 2,764,141
TALWAR, MOHIT 2,893,486
TAN, CHEE LEONG ALVIN 2,717,855
TAN, EUGENE 2,609,016
TANARY, SAMSIR 2,874,926
TANKSLEY, STEVEN D. 2,510,557
TANNO, MOTOHIRO 2,715,214
TANTER, MICKAEL 2,658,063
TAOKA, HIDEKAZU 2,715,214
TAVAZOIE, SOHAIL 2,890,045
TAYGERLY, JOSHUA PAUL GERGELY 2,764,141
TAYLOR, DOUGLAS 2,679,712
TCHENG, THOMAS 2,702,944
TCHISTIAKOVA, LIOUDMILA GENNADIEVNA 2,830,338
TECHNOLOGIES HOLDINGS CORP. 2,928,688
TEIJIN PHARMA LIMITED 2,689,711
TEKNOLOGIAN TUTKIMUSKESKUS VTT OY 2,723,573
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,711,607
TELFER, ANGUS RICHARD 2,706,737

Index of Canadian Patents Issued
November 15, 2016

TENGHAMN, STIG RUNE LENNART 2,723,159
TERABAYASHI, TORU 2,690,949
TERASAKI, TAKAYUKI 2,878,826
TERRASIMCO INC. 2,850,200
TERREL, MATTHEW A. 2,687,687
TEZEL, AHMET 2,743,583
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,686,155
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,687,687
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,809,581
THE BOEING COMPANY 2,792,752
THE BOEING COMPANY 2,841,566
THE BOEING COMPANY 2,845,023
THE BOEING COMPANY 2,845,155
THE BOEING COMPANY 2,852,507
THE BOEING COMPANY 2,865,853
THE OHIO STATE UNIVERSITY 2,737,946
THE PROCTER & GAMBLE COMPANY 2,743,684
THE PROCTER & GAMBLE COMPANY 2,805,473
THE PROCTER & GAMBLE COMPANY 2,828,650
THE PROCTER & GAMBLE COMPANY 2,862,700
THE ROCKEFELLER UNIVERSITY 2,890,045
THE TEXAS A&M UNIVERSITY SYSTEM 2,826,729
THE VIKING CORPORATION 2,856,237
THE VIKING CORPORATION 2,880,222
THIELEN, JOSEPH M. 2,710,770
THOMSON LICENSING 2,727,473
THOMSON, ANDREW JAMES 2,750,994
THOMSON, JAMES A. 2,610,243
THORLEY INDUSTRIES, LLC 2,854,536
THORNE, HENRY F. 2,854,536
THORNOCK, DEL MOFFAT 2,725,782
THORSEN, KNUD 2,909,118
TIAN, XINRONG 2,798,622
TICKETMASTER L.L.C. 2,670,829
TIDWELL, DURRELL G. 2,727,402
TIE, XIAOLEI 2,854,676
TIPTON, JON 2,573,137
TODATE, AKIRA 2,875,295
TOMIO, YUSAKU 2,863,187
TOTAL S.A. 2,737,105
TOYOSHIMA, KENICHI 2,878,826
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,892,276
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,903,302
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,908,212
TRIGINER BOIXEDA, JORGE 2,750,994
TRISOPLAST INTERNATIONAL B.V. 2,745,848
TROWER, TANDY W. 2,808,275
TRUKSA, MARTIN 2,617,714
TRUKSA, MARTIN 2,680,376
TRUQUIN, PATRICK 2,743,384
TSUCHIYA, TOMIHISA 2,903,302
TSURUOKA, KUNIAKI 2,715,789
TTY SAATIO 2,723,573
TUNG, ROGER 2,809,739
TUTO, JOAN 2,750,994
TYCO ELECTRONICS SUBSEA COMMUNICATIONS LLC 2,788,322
TYCO HEALTHCARE GROUP LP 2,673,187
UCHIMI, MAKOTO 2,668,536
UKIMA CHEMICALS & COLOR MFG. CO., LTD. 2,859,938
UNDERWOOD, JOHN ANTHONY 2,707,467
UNILEVER PLC 2,728,978
UNIVERSITE JOSEPH FOURIER 2,677,146
UNIVERSITY OF STRATHCLYDE 2,704,696
UPONOR INFRA OY 2,692,261
URUNO, MANABU 2,859,938
US SYNTHETIC CORPORATION 2,757,628
USG INTERIORS, LLC 2,916,517
UTLEY, DAVID S. 2,921,563
VALLEE, YANNICK 2,677,146
VALLOUREC OIL AND GAS FRANCE 2,872,848
VALNEVA 2,604,330
VAN BUSKIRK, KRISTEN 2,699,527
VAN DER SLUIS, PETER WILLEM 2,928,688
VAN DER SPEK, ALEX 2,718,476
VAN EIJK, JOHANNES KASPER 2,745,848
VAN LAERE, AN 2,828,650
VARIAN, HAL 2,572,582
VASKEVITCH, DAVID 2,808,275
VASQUES, RICARDO 2,690,949
VEHVILAEINEN, MARIANNA 2,723,573
VER DONCK, LUC AUGUST LAURENTIUS 2,333,910
VERMA, SHARAD KUMAR 2,798,622
VESTMAN, CHRISTIAN 2,692,261
VIEGA, JOHN V. 2,718,476
VILD, CHRIS T. 2,573,137
VIOLA, FRANK J. 2,673,187
VLASSAREV, DIMITAR M. 2,700,862
VODYANYK, MAKSYM A. 2,610,243
VUONG, THANH VINH 2,751,925
WABTEC HOLDING CORP. 2,892,912
WADA, KENSUKE 2,908,212
WADA, TAKASHI 2,900,162
WADE, ROBERT 2,901,634
WALKER, JOHN J. 2,854,536
WALL, JONATHAN SCOTT 2,670,829
WAMMES, JACOBUS CORNELIS 2,745,848
WANG, YICAI 2,795,272
WANG, ZONGJIE 2,854,676
WARREN, JAY A. 2,587,856
WARWICK, TIMOTHY, JOHN 2,802,236
WATANABE, HIDEYA 2,881,850
WATANABE, YOSHIKAZU 2,862,759
WATSON, RICHARD K. 2,684,676
WATTERS, COLIN 2,717,502
WAVELIGHT GMBH 2,826,447
WEATHERFORD TECHNOLOGY HOLDINGS, LLC 2,897,288
WEISCHEDEL, HERBERT R. 2,835,681
WELSH, ROBERT L. 2,669,688
WENDT, GREG A. 2,780,065
WEYERHAEUSER NR COMPANY 2,698,451
WHITE, VINCENT 2,868,576
WHITELY, NATHAN RAY 2,828,650
WIEGMANN, ELIJAH M. 2,854,536
WILLIAMS, MICHAEL T. 2,699,527
WILLIAMS, ROBERT J. 2,749,303
WILLIAMSON, WARREN D. 2,662,540
WILSCHKE, THOMAS C. 2,706,090
WILSON, JOHN R. 2,692,468
WINDLIN, FRANZ NIKLAUS 2,862,041
WINGEIER, BRETT 2,702,944
WISCONSIN ALUMNI RESEARCH FOUNDATION 2,610,243
WISE, GEOFFREY C. 2,706,090
WISECARVER, MARK ANTHONY 2,871,115
WITT, STEVEN HUGH 2,888,874
WNTRESEARCH AB 2,733,636
WOBBEN PROPERTIES GMBH 2,856,963
WOELFEL, MATHIAS 2,826,447
WOILER, CHRISTOPHER A. 2,928,427
WOLCOTT, THOMAS C. 2,703,524
WONG, YISHAN 2,704,680
WOOD, WAYNE B. 2,818,943
WOODELL-MAY, JENNIFER E. 2,772,067
WOOLFSMITH, DANIEL 2,699,527
WRIGHTMAN, ROBERT A. 2,653,784
WU, DENNIS 2,695,944
WU, GENGSHI 2,854,676
WU, GUOHAI 2,617,714
WU, MINGQUAN 2,727,473
WU, RENYUAN 2,868,433
WU, XU 2,690,949
WYBO, CARLOS 2,748,329
WYETH 2,673,558
WYETH LLC 2,830,338
XIAO, PENG 2,776,185
XU, HUA 2,834,270
XU, JUN 2,771,840
YAMAMOTO, MASAYA 2,878,826
YAMANAKA, AIKO 2,715,789
YAMATE, TSUTOMU 2,690,949
YAMAZAKI, MASAKO 2,772,015
YAN, WEILING 2,869,688
YAN, WILSON XIAO WEI 2,784,279
YANG, FONG S. 2,818,943
YANG, HUADI 2,843,922
YANG, JIANRONG 2,868,433
YANG, YU-YING 2,881,420

YANO, TAKAYOSHI 2,813,070
YAO, MIN 2,737,275
YAO, ROSE 2,893,486
YAZAKI, MASAYA 2,871,396
YONEMOTO, MASASHI 2,772,015
YOO, TAESANG 2,788,843
YOSHIDA, KAZUHIRO 2,862,759
YOSHITSUGU, NAOMI 2,852,200
YOU, JUN 2,843,922
YU, DONGSHENG 2,834,270
YU, GUOBIN 2,795,272
YU, WEICHUN 2,874,926
YU, WILLIAM EMMANUEL S. 2,826,795
YUKI, HITOSHI 2,668,536
YUZDA, EUGENE WILLIAM 2,678,276
ZACHAREVITZ, STEVEN DANIEL 2,707,322
ZADOROZNY, RICHARD KENNETH 2,893,486
ZAHN, HARLIE C. 2,749,303
ZAKAI, AVRAHAM 2,930,296
ZAKI, MAGED M. 2,628,375
ZAYAS, BETTY, JEAN 2,716,945
ZEDIKER, MARK S. 2,827,961
ZEMLOK, MICHAEL A. 2,640,399
ZERCHER, MARK A. 2,743,879
ZHANG, DONG 2,754,120
ZHANG, HONGDING 2,845,413
ZHOU, DAN 2,843,922
ZHOU, GONGBO 2,868,433
ZHOU, WEI 2,845,413
ZHU, YONG HUA 2,417,962
ZHU, ZHENCAI 2,868,433
ZIMMERMAN, ROBERT K., JR. 2,638,183
ZINK, RALF 2,702,822
ZUBER, JACQUES ARMAND 2,696,060
ZUCKERBERG, MARK E. 2,704,680

Index of Canadian Applications Open to Public Inspection

October 30, 2016 to November 5, 2016

Index des demandes canadiennes mises à la disponibilité du public

30 octobre 2016 au 5 novembre 2016

1834958 ALBERTA INC.	2,928,511
ABB TECHNOLOGY AG	2,928,483
ABL IP HOLDING LLC	2,928,385
AIRBUS HELICOPTERS	2,928,218
AIRBUS OPERATIONS (S.A.S.)	2,926,915
ALLEN, GARETH MARK	2,928,463
ALSOHAILY, AHMED	2,889,984
ALT, JOHN T.	2,928,760
ANDERSON, ANNALIESA SYBIL	2,928,602
ANDREYCHUK, MARK	2,928,453
ANGMAN, PER	2,928,453
ARVINMERITOR TECHNOLOGY, LLC	2,920,854
ASHTON, JOHN HARDY	2,927,438
ATSEBHA, SOLOMON	2,921,100
BAI, MINYOUNG	2,927,930
BARKER, GAIL MARY	2,920,208
BENDIX COMMERCIAL VEHICLE SYSTEMS LLC	2,928,770
BHUPENDER BHALLA, AMARDEEP SINGH	2,928,602
BIBLER, JOHN DAVID	2,928,195
BIOSENSE WEBSTER (ISRAEL) LTD.	2,927,438
BLACKWELDER, MARK J.	2,928,760
BLUMENKRANTZ, MARK	2,921,100
BOREAL LASER INC.	2,889,953
BOUCHARD, ROBERT	2,928,483
BOUDREAULT, JEAN-PIERRE	2,890,652
BOUILLON, DAVID	2,928,603
BOUISSIERE, MIKE	2,928,333
BRADLEY, STUART	2,928,194
BRITE SHOT, INC.	2,928,588
BROADHEAD, PETER	2,925,999
BROWNING, KENNETH J., JR.	2,923,081
BULTEMEIER, ERIC JAMES	2,920,208
BUREAU 11 INC.	2,889,553
BYZERY, ROMEO	2,928,218
CARPENTER TECHNOLOGY CORPORATION	2,928,605
CAUTION, STEPHEN TYLER	2,928,423
CHAJI, GHOLAMREZA	2,889,870
CHAJI, GHOLAMREZA	2,890,398
CHANNON, PAUL	2,925,993
CHEN, JIE	2,928,385
CHOVANEC, ANDREW	2,929,157
CHUU, KELVIN	2,927,438
CLARK, JEFFREY L.	2,927,438
CLEMENT, LEONARD W.	2,889,955
CORDELL, DALE	2,925,788
D+H LIMITED PARTNERSHIP	2,928,920
DAC GROUP (HOLDINGS) LIMITED	2,929,029
DARNELL, MARK LAWRENCE	2,927,517
DAVIS, PAUL A.	2,925,999
DE ISABELLA, MICHELE	2,928,378
DELLA PORTA, ANN M.	2,928,475
DENVER, NATHAN S.	2,927,606
DEPUY SYNTHES PRODUCTS, INC.	2,928,356
DIBIASIO, SERGIO	2,926,694
DIRECT PURCHASE QUICK COUPLINGS, INCORPORATED	2,928,378
DIVANFARD, ROSS	2,928,333
DONALD, ROBERT G.K.	2,928,602
DOYLE, JOSEPH	2,925,999
EIFERT, ANDREW J.	2,925,999
ELLIOTT, LEE	2,889,558
EMERSON ELECTRIC CO.	2,928,764
ERIK, MARY LOU	2,928,511
ERION, DONALD L.	2,922,418
ERION, DONALD LEROY	2,921,114
EVANS, DAVID RICHARD	2,928,511
FATHI, EHSANALLAH	2,890,398
FINCHAMP, TERESA M.	2,922,418
FLETTER, MARC ASHLEY	2,926,505
FORTIN, SERGE	2,928,483
FREEMAN, TED J.	2,924,933
GABERT, CHRIS	2,927,930
GE AVIATION SYSTEMS LLC	2,927,517
GE ENERGY POWER CONVERSION TECHNOLOGY LTD	2,928,194
GENERAL ELECTRIC COMPANY	2,927,494
GENERAL ELECTRIC COMPANY	2,927,545
GENERAL ELECTRIC COMPANY	2,928,192
GENERAL ELECTRIC COMPANY	2,928,193
GENERAL ELECTRIC COMPANY	2,928,195
GENERAL ELECTRIC COMPANY	2,928,479
GENERAL ELECTRIC TECHNOLOGY GMBH	2,929,157
GIRNARY, HUSSEIN	2,928,356
GLANCY, BRIAN	2,928,687
GLOVER, JEFFREY	2,927,494
GM GLOBAL TECHNOLOGY OPERATIONS LLC	2,927,758
GOLPE, WILLIAM	2,927,219
GONZALEZ, DICK SALOMON	2,928,648
GOODMAN, GREGORY JON	2,922,418
GOSSELIN, RANDY	2,928,612
GOVERNORS OF THE UNIVERSITY OF ALBERTA	2,889,960
GOVERNORS OF THE UNIVERSITY OF ALBERTA	2,928,424
GRANDMONT, FREDERIC	2,928,483
GRATRIX, MAURY	2,890,375
GROSICK, STEVEN	2,929,157
GU, JIANXIN	2,928,602
HAMER, ANDREW	2,928,687
HARMON, LAWRENCE J.	2,928,596
HARRIS CORPORATION	2,927,606
HAYSLETT, STEVEN L.	2,927,758
HERAEUS MEDICAL GMBH	2,900,121
HERBAUT, GHISLAIN	2,928,603
HERBAUT, VINCENT	2,929,023
HERMOSILLO, VICTOR F.	2,929,157
HERVE, ALEXANDRE	2,926,915
HEWIT, RAYMOND C.	2,927,606
HILLIER, STEVEN	2,925,999
HLAVKA, BRIAN DALE	2,920,208
HOITINK, RYAN A.	2,927,438
HONEKAMP, THORSTEN	2,928,192
HU, HAIYUN	2,928,479
HUANG, YUMING	2,910,287
HUGHES, JEFFREY PAIGE	2,928,385
HUNT, GARETH	2,925,993
HUNTER, MICHAEL	2,889,846
IGNIS INNOVATION INC.	2,889,870
IGNIS INNOVATION INC.	2,890,398
INTERSET SOFTWARE INC.	2,928,501
JABER, ANASS	2,926,915
JACQUINTO, MICHAEL	2,925,999
JAMISON, JOSHUA BRIAN	2,928,193
JANSEN, KATHRIN UTE	2,928,602
JAYARAMAN, TANJORE V.	2,928,605
JENDRIX, RICHARD WILLIAM	2,928,195
JOHNSON, NICK	2,925,993
JOHNSON, PATRICK	2,928,687
JONES, JAMES W.	2,889,955
JONES, MATTHEW ALLEN	2,926,505
JONES, NICHOLAUS ADAM	2,926,505
JONES, RODERICK M.	2,920,208
JONES, SIMON L.	2,925,999
JOU, STEPHAN	2,928,501
JUDA, MIKE KEN	2,928,385
KAINTHAN, RAJESH KUMAR	2,928,602
KAZEMZADEH, FARNOUD	2,914,892
KEITE-TELGENBUSCHER, KLAUS	2,927,930
KHANDKE, LAKSHMI	2,928,602
KIM, JIN-HWAN	2,928,602
KINGSPAN INSULATED PANELS, INC.	2,928,687

Index des demandes canadiennes mises à la disponibilité du public
30 octobre 2016 au 5 novembre 2016

KLUGE, THOMAS	2,900,121
KOBOLD SERVICES INC.	2,928,453
KOLVEK, STEPHEN J.	2,927,606
KOSTIUK, DEREK	2,889,558
KROGER, BENJAMIN	2,928,296
KURTZ, ROBERT	2,928,704
KURTZ, ROBERT	2,928,707
LABRIE, MARTIN	2,928,191
LANGILLE, DAVID LINDSAY ALEXANDER	2,928,565
LASSINI, STEFANO A.M.	2,927,517
LEICHT, PHILLIP	2,920,854
LEONIAK, JAMES T.	2,939,605
LI, ZHI	2,921,529
LIBERATOR, PAUL	2,928,602
LIEBHERR-AEROSPACE LINDENBERG GMBH	2,928,296
LIU, BING	2,889,455
LOBO, LYNDON M.	2,928,511
LONGHORN CASING TOOLS INC.	2,928,612
LORENZO, JUAN	2,928,356
LUTZ, CHRISTOPHER	2,928,764
MACNAMARA, JOSEPH M.	2,928,770
MADEIRA, RONALD H.	2,928,295
MAISONNEUVE, MATHIEU	2,928,483
MALEKSAEEDI GHASRALDASHTI, SEYEDJALAL	2,880,600
MARQUARDT, CRAIG EUGENE	2,928,385
MARTIN, PETER	2,928,687
MATYS, TYLER	2,928,993
MAYBERRY, BEN MICHAEL	2,889,967
MCCAW, LISA	2,928,920
MCKENNA, PAUL	2,925,993
MCLAUGHLIN, KEITH	2,929,157
MCMILLAN, CHARLES THOMAS	2,928,195
MILLER, BRANDON WAYNE	2,927,494
MING, JIAN	2,889,713
MING, JIAN	2,889,714
MODERN HOME LIGHTING, INC.	2,927,892
MOEN INCORPORATED	2,928,225
MOLENAAR, MENNO MATHIEU	2,928,565
MONTGOMERY, TREVOR J.	2,928,612
MORPHO	2,929,023
MORRIS, GABRIEL	2,928,687
MORRISON, TONI D.	2,928,475
MULTI PACKAGING SOLUTIONS, INC.	2,928,558
MUTHUKRISHNAN, VIJAYASARATHI	2,927,545
MUTZENEEK, JAMES	2,928,800
NIGHT PUCK TECHNOLOGY INC.	2,889,838
NIU, SHENGLIANG	2,928,360
OEHRING, JARED	2,928,704
OEHRING, JARED	2,928,707
OEHRING, JARED	2,928,711
OEHRING, JARED	2,928,717
ONDA, JOSEPH J.	2,928,385
OPTA MINERALS INC.	2,928,650
PALMER, NICHOLAS J.	2,928,821
PAMULAPARTHY, BALAKRISHNA	2,927,545
PAPACONSTANTINOU, CONSTANTINOS	2,889,869
PARACCA, COREY	2,928,475
PARKS, DAVID CHRISTOPHER	2,928,453
PATE, CHARLES MICHAEL	2,928,378
PETRELLA, ALLAN	2,928,453
PFIZER INC.	2,928,602
PFIZER INC.	2,928,670
PILKINGTON, SHAUN	2,928,501
PRASAD, AVVARI KRISHNA	2,928,602
PREMIER MOUNTS	2,928,333
PRINGLE, JOHN WALTER, IV	2,921,100
PROTERRA INC.	2,927,219
RATIER, JEAN-BAPTISTE	2,929,023
REILLY, JOHN M.	2,928,385
RICHARD, RICKY	2,889,838
RILEY, SHAWN PATRICK	2,928,479
RISI STONE INC.	2,928,993
RODRIGUEZ, RIGOBERTO J.	2,928,760
ROHR, SIDNEI MR.	2,889,657
ROLLS-ROYCE CORPORATION	2,924,933
ROLLS-ROYCE CORPORATION	2,925,999
ROLLS-ROYCE CORPORATION	2,928,760
ROLLS-ROYCE HIGH TEMPERATURE COMPOSITES, INC.	2,925,999
ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC.	2,924,933
ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC.	2,925,999
ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC.	2,928,760
ROLLS-ROYCE PLC	2,925,999
ROMM, ETTAN	2,928,920
RUGGERI, ROGER	2,928,670
RUPPEN, MARK EDWARD	2,928,602
RYNER, DOUGLAS JAHE	2,928,423
SANAEI KERMANI, ALI	2,889,553
SCHEPMANN, SENECA	2,927,219
SCHIRMER, MATTHIAS	2,929,157
SCHUH, CHRISTIAN	2,927,930
SCHULTZ, JEFFREY	2,927,438
SCHUPPE, CHRISTOPHER THOMAS	2,928,195
SCULLY, INGRID LEA	2,928,602
SEMAGINA, NATALIA	2,889,960
SEMAGINA, NATALIA	2,928,424
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	2,928,565
SHERMAN, SCOTT	2,889,456
SHI, JUN	2,924,933
SHI, JUN	2,925,999
SHIELDS, DANIEL R.	2,926,505
SIEGEL, WILLIAM L.	2,928,760
SILGAN PLASTICS LLC	2,923,081
SILGAN PLASTICS LLC	2,926,694
SINGH, SUDDHAM	2,928,602
SIPPEL, AARON D.	2,925,999
SLAZAS, ROBERT	2,928,356
SMITH, BRIAN P.	2,927,606
SMITH, DANIEL T.	2,928,558
SNITIL, RYAN M.	2,928,225
SOUSA, ELVINO SILVEIRA MEDINA DE	2,889,984
SPEAR, STEVE	2,928,475
SPIRAX-SARCO LIMITED	2,925,993
SPRINGER, DUWAYNE	2,928,612
STENZEL, KENT	2,925,788
STONE, CHRISTIEN R.	2,889,963
STONE, CHRISTIEN R.	2,890,660
STOUGHTON, SAMUEL JOSEPH	2,928,195
SWALES, SHAWN H.	2,927,758
SWINDALL, JAIME	2,928,764
TANGUDU, RAVI	2,889,550
TAYLOR, CURTIS	2,928,650
TAYLOR, ROBERT JAMES	2,926,505
TECHSPACE AERO S.A.	2,928,603
TELETRACKING TECHNOLOGIES, INC.	2,928,475
TEMBY, DANIEL	2,929,029
TENG, JIAN	2,910,287
TESA SE	2,927,930
THAIN, ANDREW	2,926,915
THE BOEING COMPANY	2,920,208
THE BOEING COMPANY	2,921,100
THE BOEING COMPANY	2,921,114
THE BOEING COMPANY	2,922,418
THERIAULT, TIMOTHY JOHN	2,927,517
THERMO-KINETICS COMPANY LIMITED	2,889,846
THIBAULT, RICHARD C.	2,928,558
THIBAULT, WESLEY	2,925,999
THOMAS, DAVID J.	2,924,933
THOMAS, DAVID J.	2,925,999
TICKTIN, PETER	2,928,588
TOWNES, RODERICK	2,925,999
TRAGEC INC.	2,890,652
TRICAN WELL SERVICE LTD.	2,889,456
TRINITY ENT & FACIAL AESTHETICS	2,928,457
TULIP, JOHN	2,889,953
TURNER, DAVID RAY	2,921,114
TURNER, DAVID RAY	2,922,418
US WELL SERVICES LLC	2,928,704
US WELL SERVICES LLC	2,928,707
US WELL SERVICES LLC	2,928,711
US WELL SERVICES LLC	2,928,717
VALLART, JEAN-BAPTISTE	2,928,218
VAN DERVEN, CHRISTOPHER JOHN	2,928,195
VATS, VEENA	2,928,457
VAUGHN, ABIGAIL ROSE	2,928,479
VETTERS, DANIEL K.	2,925,999
VICTORIO, LLC	2,928,821

VINAYAGAM, BALAMOUROUGAN	2,927,545
VOGT, SEBASTIAN	2,900,121
WAIBEL, CHRISTOF	2,928,296
WAL-MART STORES, INC.	2,926,505
WAL-MART STORES, INC.	2,928,423
WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2,928,648
WELIKY, ANDRE	2,928,588
WHITE, ARTHUR H.	2,927,606
WHITE, JEFFREY A.	2,928,770
WILLIAMS, MATT	2,928,764
WONG, ALEXANDER SHEUNG LAI	2,914,892
WRIGHT, BRIAN N.	2,927,606
XU, LI	2,910,287
YANG, CINDY XUDONG	2,928,602
YANG, FENG-TAO	2,927,892
ZHAI, YANG	2,920,854
ZHEJIANG TOPSUN LOGISTIC CONTROL CO., LTD.	2,928,360
ZIAEI-AZAD, HESSAM	2,889,960
ZIAEI-AZAD, HESSAM	2,928,424
ZMC METAL COATING INC.	2,921,529

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

3M INNOVATIVE PROPERTIES COMPANY 2,944,666
3M INNOVATIVE PROPERTIES COMPANY 2,946,745
A RAYMOND ET CIE 2,945,562
AB INITIO TECHNOLOGY LLC 2,946,118
ABBVIE STEMCENTRX LLC 2,947,148
ABELS, KENNETH M.A. 2,947,178
ACKERMAN, WAYNE 2,946,971
ACLARIS THERAPEUTICS, INC. 2,946,568
ACOUSTIC GRG PRODUCTS LTD. 2,946,520
ADAIR, DAVID C. 2,944,192
ADOMEIT, MARC ANDRE 2,944,390
ADROIT SURGICAL, LLC 2,945,536
ADVAXIS, INC. 2,946,716
AFFICHEM 2,943,614
AGENEBIO, INC. 2,934,553
AGIENIC, INC. 2,946,586
AGON, FABIEN LUDOVIC 2,946,084
AGRAWAL, ANOOP 2,946,586
AIT BOUZIAD, YOUCEF 2,946,076
AIT BOUZIAD, YOUCEF 2,946,084
AKOIO, LLC 2,947,018
AKUTSU, YOSUKE 2,946,822
AL RAMANATHAN, ELANGOVAN 2,944,969
ALANIZ, IVAN 2,946,764
ALBA THERAPEUTICS CORPORATION 2,947,149
ALBERT, HENRIK 2,947,032
ALBRECHT, DONALD E. 2,944,149
ALCAIDE, RAMSES EDUARDO 2,946,604
ALCON PHARMACEUTICALS LTD. 2,946,536
ALDRICH, ALVAH 2,946,571
ALEJANDRO, JOSE D. 2,944,010
ALFONS HAAR, INC. 2,945,760
ALPHA METALS, INC. 2,944,960
ALSTOM RENEWABLE TECHNOLOGIES 2,945,642
AMBLARD, FRANCK 2,946,867
AMERICAN AEROGEL CORPORATION 2,946,746
AMERICAN STERILIZER COMPANY 2,946,588
AMERICAN UNITED ENERGY, INC. 2,946,749
AMOR, WILLIAM 2,946,588
AMRONA AG 2,946,921
AN, EUNKYUNG 2,946,895
AN, JICHENG 2,946,779
ANDERSON, KAREN 2,946,534
ANDERSON, ROBERT P. 2,946,862
ANDERSON, ROBERT P. 2,946,864
ANDERSON, ROBERT P. 2,946,869
ANDERSON, ROBERT P. 2,946,887
ANDERSON, TODD D. 2,946,524
ANDREW, PECK 2,946,843
ANDRITZ OY 2,943,674
ANDYA, JAMES 2,943,834
ANG, PETER 2,945,518
ANG, PETER 2,945,520
ANTERIOS, INC. 2,947,027
APLIX 2,943,720
APPLIED MEDICAL RESOURCES CORPORATION 2,945,344
APS TRADING OOD 2,945,413
ARCTURUS THERAPEUTICS, INC. 2,946,719
ARDEX ANLAGEN GMBH 2,946,652
AREVA WIND GMBH 2,945,549
ARIVK, TOREY JAMES 2,946,558
ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY 2,946,534
ARKK ENGINEERING 2,947,142
ARLANXEO SINGAPORE PTE. LTD. 2,947,046
ARLANXEO SINGAPORE PTE. LTD. 2,947,051
ARLANXEO SINGAPORE PTE. LTD. 2,947,054
ARLANXEO SINGAPORE PTE. LTD. 2,947,072
ARLANXEO SINGAPORE PTE. LTD. 2,947,073
ARLANXEO SINGAPORE PTE. LTD. 2,947,075
ARLANXEO SINGAPORE PTE. LTD. 2,947,076
ARLANXEO SINGAPORE PTE. LTD. 2,947,092
ARMANI, ARMIN 2,945,411
ARMER, THOMAS 2,944,075
ARNOLD, CHRISTIAN 2,945,411
ARONOV, ALEK 2,946,849
ARRIS ENTERPRISES LLC 2,943,647
ARRIS ENTERPRISES LLC 2,944,016
ARRIS ENTERPRISES LLC 2,944,018
ARSENAULT, GILLES 2,947,046
ARSENAULT, GILLES 2,947,051
ARSENAULT, GILLES 2,947,054
ARSENAULT, GILLES 2,947,072
ARSENAULT, GILLES 2,947,075
ARTES, FRANCISCO S. 2,946,734
ASAI, TAKAHIRO 2,947,133
ASHIDA, RINTAROU 2,946,515
ASHLEY FURNITURE INDUSTRIES, INC. 2,946,579
ASHRAF, ARMAN 2,945,660
ASTERJADHI, ALFRED 2,945,190
ASTEX THERAPEUTICS LTD 2,943,682
ASTEX THERAPEUTICS LTD 2,943,683
ASTEX THERAPEUTICS LTD 2,943,687
ATI PROPERTIES LLC 2,944,491
ATKINS, MARTIN 2,943,878
ATKINS, WILLIAM BRIAN 2,947,144
AXELSSON, OSKAR 2,943,852
BABBITT, GUY 2,944,469
BACHA, JEFFREY A. 2,946,538
BACIK, MICHAEL A. 2,946,588
BACKFOLK, KAJ 2,946,494
BACKSIN, VICTORIA 2,946,672
BACKSTROM, SANIA 2,943,852
BAEK, JONGSEOB 2,945,944
BAI, HAO 2,943,733
BAILEY, RONALD E. 2,944,491
BAJEMA, MICHAEL 2,947,025
BAJEMA, NICHOLAS LOREN 2,944,354
BAKER HUGHES INCORPORATED 2,946,700
BAKER, KEVIN L. 2,947,021
BALAKATHIRESAN, NAGARAJA S. 2,946,720
BALDONI, VISCARDO 2,943,706
BALKOVSKI, EUGENE 2,947,152
BALLESTRERO, ALBERTO 2,944,088
BALLIET, COURTNEY L. 2,944,394
BALLMAN, KARLA V. 2,946,542
BALLY GAMING, INC. 2,946,140
BANERJEE, SANJIBAN KUMAR 2,943,903
BANI-ASAF INC. 2,946,971
BANKGUARD, INC. 2,946,988
BANKOVICH, ALEXANDER JOHN 2,947,148
BANKS, DAVID R. 2,947,019
BARBARAS, RONALD 2,947,127
BAREKET, NOAH 2,943,807
BARERE, AARON M. 2,944,542
BAREZZANI, GUALTIERO 2,946,817
BARKAI, URIEL 2,946,969
BARKEY, DOUGLAS JAY 2,943,847
BARKEY, DOUGLAS JAY 2,943,961
BARKEY, DOUGLAS JAY 2,943,990
BARKEY, DOUGLAS JAY 2,944,046
BARNES, ANDREW PHILIP 2,947,100
BARONNET, JEAN-MARIE 2,946,930
BASF CORPORATION 2,944,676
BASF SE 2,943,663
BASF SE 2,944,676
BASF SE 2,944,969
BASF SE 2,944,970

BASF SE 2,944,972
BASF SE 2,945,203
BAUERFEIND AG 2,946,782
BAUERFEIND, HANS B. 2,946,782
BAUMAN, JOSEPH WESLEY 2,946,555
BAUMANN, ROELF-PETER 2,945,062
BAUSE, RALF 2,945,560
BAYER HEALTHCARE LLC 2,946,838
BEAM ENGINEERING FOR ADVANCED MEASUREMENTS CO. 2,946,693
BEASLEY, JIM C. 2,944,354
BECKER, DARREN J. 2,944,879
BECKER, PETER 2,944,813
BECTON, DICKINSON AND COMPANY 2,946,699
BEDFORD INDUSTRIES, INC. 2,945,365
BEGER, BRIAN 2,946,568
BEHRENS, EDWARD M. 2,946,511
BEIJING DIDI INFINITY SCIENCE AND TECHNOLOGY LIMITED 2,946,648
BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION 2,946,777
BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION 2,947,095
BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION 2,947,186
BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION 2,947,189
BELKNAP, JENNY WARNER 2,946,870
BELKNAP, JENNY WARNER 2,946,874
BERKHOUT, MICHAEL PETRUS JOZEF 2,944,955
BERKHOUT, MICHAEL PETRUS JOZEF 2,944,957
BERMUDEZ, ERICKA 2,947,032
BERRINGER, JASON 2,946,688
BERRY, DAVE 2,946,838
BERRY, DAVID C. 2,944,491
BERSOT, ROSS 2,944,074
BERTKAU, WALTER 2,944,676
BESSE, JEAN-LOUIS ROBERT GUY 2,944,336
BETA-O2 TECHNOLOGIES LTD. 2,946,969
BEVERS, JACK, III 2,943,834
BEVERS, LOES ELIZABETH 2,944,955
BHOMIA, MANISH 2,946,720
BHUSHAN, NAGA 2,945,518
BHUSHAN, NAGA 2,945,520
BIBB, DARCY ALAN 2,946,892
BIFFI, ANDREA 2,944,118
BINKERT, SVEN 2,945,562
BIOASIS TECHNOLOGIES, INC. 2,943,890
BISHOP, JASON 2,947,019
BITTAR, MICHAEL S. 2,946,743
BITTAR, MICHAEL S. 2,946,857
BITTAR, MICHAEL S. 2,947,008
BITTAR, MICHAEL S. 2,947,143
BIZE, CECILE 2,943,614
BJORN ANDRE, FLOTRE 2,946,520
BLACK, STEPHEN H. 2,946,526
BLACKLER, ADELE 2,946,888
BLAGG, JULIAN 2,943,659
BLANCHARD, BENJAMIN 2,944,338
BLANKENSTEIN, GERT 2,946,877
BLANZAT, MURIEL 2,943,614
BLOCK, DIRK 2,943,662
BLUE, RYAN C. 2,946,987
BLUEBIRD BIO, INC. 2,946,552
BLUEBIRD BIO, INC. 2,946,585
BLUEINGREEN LLC 2,947,145
BLUM, ANDREAS 2,944,103
BLUM, GIL JOSEPH 2,946,609
BO, YU 2,946,851
BOCHTLER, ALOIS 2,944,668
BOESEN, THOMAS 2,943,824
BOLAGER, ANDRE 2,946,225
BOLANOS, EDUARDO 2,945,344
BOMBARDIER INC. 2,943,587
BOMBARDIER INC. 2,946,486
BON SAINT COME, YEMINA 2,946,960
BONNARD, VANESSA ADRIENNE THERESE 2,946,659
BORDERS, MARCUS LANDON 2,947,019
BOROSS, CHRISTOPHER A. 2,945,360
BORST, JOSEPH 2,944,676
BOSCOLO, FLAVIO 2,943,706
BOSLEY, BETH D. 2,946,854
BOSSENMAIER, BIRGIT 2,944,895
BOSSENMAIER, BIRGIT 2,945,066
BOSSER, DAMIEN PIERRE ANTOINE 2,943,720
BOSTON SCIENTIFIC SCIMED, INC. 2,944,913
BOTTA, MICHAEL A. 2,946,568
BOUCHER, RAYMOND E., JR. 2,947,161
BOUCHON, AXEL 2,946,751
BOUDOURIS, RANDALL 2,944,149
BOUILLOT, PHILIPPE MICHAEL RENE 2,943,598
BOURDES, VALERIE 2,944,073
BOUSSEAU, ADRIEN 2,947,179
BOVET, LUCIEN 2,944,965
BOWMAN, DAVID 2,947,152
BOYLE, ADRIAN 2,946,788
BOYLE, DAVID 2,944,732
BOYLE, KEVIN 2,944,354
BOZON, VIVIANA 2,943,808
BRAGA, CESARE 2,946,817
BRAKE, RACHAEL L. 2,943,808
BRANDTNER, TIMOTHY A. 2,946,579
BRAY, MICHAEL 2,946,075
BRAZ, JULIAN 2,943,662
BREITE, CHRISTIAN 2,946,075
BREITSCHEIDEL, BORIS 2,945,203
BRENNAN, JEFFREY DAVID 2,946,536
BRESLIN, TRACY 2,945,344
BRETT, PETER STUART 2,947,100
BRINDYUK, SERGEI VLADIMIROVICH 2,946,707
BRINDYUK, SERGEI VLADIMIROVICH 2,946,713
BROGGINI, DIEGO FERNANDO DOMENICO 2,943,683
BROOKE, GERARD 2,944,432
BROOKS, TIMOTHY W. 2,947,146
BROT, ELISABETH C.A. 2,946,756
BROWN, APRIL RENAE 2,945,660
BROWN, DENNIS M. 2,946,538
BROWN, MARC BARRY 2,946,568
BROYLES, NORMAN SCOTT 2,945,660
BRUNNER, HANS-PETER 2,943,662
BRUNNINGER, MANFRED 2,944,063
BUCHELI, OLIVIER 2,946,939
BUCK, HARVEY, JR. 2,947,098
BUCKMAN LABORATORIES INTERNATIONAL, INC. 2,944,322
BUICK, RICHARD 2,944,895
BUNING, CHRISTIAN 2,943,864
BUNKER, BRANDON 2,946,891
BUNN-O-MATIC CORPORATION 2,946,553
BURGER, LESLIE 2,944,444
BURKHART, MIRIAM 2,947,161
BURKHOLZ, JONATHAN KARL 2,946,699
BURNS, CLAY 2,947,018
BUSE, JOHN RAY 2,946,555
BUSH, PJ M. 2,946,524
BUTERA, JOHN A. 2,934,553
BUTLER, MICHAEL W. 2,946,588
BUTTON, JAMES 2,946,669
C.R. BARD, INC. 2,945,124
CABELA'S INCORPORATED 2,946,610
CABRI, WALTER 2,943,699
CACHO ALONSO, JUAN CARLOS 2,944,371
CAESAR, AVRAHAM 2,947,005
CAFFA, IRENE 2,944,088
CAFFERTY, MICHAEL 2,947,000
CAI, XIAOXIA 2,946,777
CAI, XIAOXIA 2,947,095
CALDERINI, MICHEL 2,943,659
CALLAN, GERALD W. 2,946,838
CALLAWAY, LEWIS 2,946,764
CALLEN, DAVE 2,946,838
CALZADA, MANUEL 2,946,866
CAMPBELL, DANIEL 2,946,696
CAMPBELL, RICHARD V. 2,946,736
CAMPBELL, TODD A. 2,947,142
CANADA, SARAH E. 2,946,848
CANCER RESEARCH TECHNOLOGY LIMITED 2,943,659

CAPE, SAMUEL M. 2,943,987
CAPRICE, CEDRIC 2,946,685
CARGILL, INCORPORATED 2,944,026
CARPENTER, ANDREW JAMES 2,946,904
CASELLAS COLL, CRISTINA 2,946,672
CASPALL, JAYME 2,946,696
CASTELO, KEVIN 2,945,344
CASTLE, LINDA A. 2,947,032
CASTRO, ALBERT 2,947,015
CASTROL LIMITED 2,947,100
CATHX RESEARCH LTD 2,946,788
CAVALIERE, DAVID 2,946,986
CECERE, GIUSEPPE 2,943,575
CECERE, LOIS ANN 2,946,870
CECERE, LOIS ANN 2,946,874
CELIK, NURI 2,946,892
CEMBRE S.P.A. 2,946,817
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,943,614
CERADYNE, INC. 2,946,854
CERENIS THERAPEUTICS HOLDING SA 2,947,127
CERUS ENDOVASCULAR LIMITED 2,946,078
CGC SERVICES SA 2,946,688
CHADDER, SARAH 2,947,092
CHAKI, NIRMALYA KUMAR 2,944,960
CHANDOS, DAVID 2,947,153
CHANDOS, DAVID 2,947,154
CHANDRAN, RAGHAVENDAR 2,946,720
CHANG, CHIH-WEI 2,947,024
CHANG, WILL 2,947,179
CHDI FOUNDATION, INC. 2,947,035
CHEN, JAMES F. 2,946,853
CHEN, JIANHUA 2,946,777
CHEN, JIANHUA 2,947,095
CHEN, JIESI 2,946,647
CHEN, JUN 2,946,774
CHEN, WANSHI 2,945,173
CHEN, ZHAN 2,944,545
CHEN, ZHIQIANG 2,946,741
CHENG, CHENG 2,936,305
CHENG, YUAN 2,944,545
CHERBUY, CLAIRE 2,945,430
CHESS, ROBERT BRUCE 2,946,525
CHEVRON U.S.A. INC. 2,946,711
CHIN, GUEY N. (RAY) 2,946,610
CHINA PETROLEUM & CHEMICAL CORPORATION 2,946,777
CHINA PETROLEUM & CHEMICAL CORPORATION 2,947,095
CHINA PETROLEUM & CHEMICAL CORPORATION 2,947,186
CHINA PETROLEUM & CHEMICAL CORPORATION 2,947,189
CHINOY, BILAL A. 2,947,131
CHIVUKULA, PADMANABH 2,946,719
CHO, MI-LA 2,946,516
CHOI, JONG-YOUNG 2,946,516
CHOI, SEUL MIN 2,946,834
CHOI, SUNG PIL 2,946,834
CHOI, YUN-JUNG 2,944,139
CHON, SANG-BAE 2,944,355
CHONG, JONATHAN WUN SHIUNG 2,946,764
CHOPADE, PRASHANT D. 2,946,847
CHOU, YANG-CHIEH 2,946,503
CHOW, CHING-KUO J. 2,943,808
CHOWDHARY, MANJIT S. 2,947,155
CHU, GIMMY 2,946,769
CHUGAI SEIYAKU KABUSHIKI KAISHA 2,946,518
CHURCHILL DRILLING TOOLS LIMITED 2,945,405
CHURCHILL, ANDREW PHILIP 2,945,405
CIARAMELLA, GIUSEPPE 2,946,751
CICERI, DANIELE 2,943,699
CIDRAL FILHO, FRANCISCO JOSE 2,946,898
CIPLA EUROPE NV 2,944,282
CIRSTEA, SILVIA 2,946,520
CLARK, MICHAEL 2,947,144
CLARKE, MATTHEW 2,944,010
CLARKE, PETER REGINALD 2,943,680
CLEARSTREAM TECHNOLOGIES LIMITED 2,944,354
COATS, STEVEN J. 2,946,867
COBB-SULLIVAN, JANET 2,946,696
COCRYSTAL PHARMA, INC. 2,946,867
COHEN, ADAM 2,946,514
COHO DATA, INC. 2,947,158
COLD BORE TECHNOLOGY INC. 2,946,621
COLD BORE TECHNOLOGY INC. 2,946,622
COLEMAN, DENNIS D. 2,943,867
COLEMAN, FERGAL 2,943,878
COLEMAN, TODD M. 2,943,867
COLEMAN, TODD PRENTICE 2,947,025
COLLINS, CHARLES 2,946,521
COLLINS, NATHAN 2,945,344
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,946,930
COMPAGNIE GERVAIS DANONE 2,945,430
CONANT, LINDSEY K. 2,944,879
CONVATEC TECHNOLOGIES INC. 2,946,757
COOK, GRANT O., III 2,946,839
COOK, GRANT O., III 2,947,144
COOK, KEVIN S. 2,946,854
COON, MARK 2,944,444
COOPER TECHNOLOGIES COMPANY 2,946,571
COOPER, ROTEM 2,945,518
COOPER, ROTEM 2,945,520
COOPERATIE AVEBE U.A. 2,944,398
COOPERVISION INTERNATIONAL HOLDING COMPANY, LP 2,944,444
COPPOLA, GIUSEPPE 2,944,242
CORPER, ADAM LOUIS 2,946,503
CORTNER, THOMAS S. 2,947,004
CORWIN, WILLIAM L. 2,947,146
COUFAL, RONALD 2,947,004
COVESTRO DEUTSCHLAND AG 2,944,545
COVIDIEN LP 2,946,602
COVIDIEN LP 2,946,615
COWAN, KEVIN P. 2,946,838
CRAAN, TOBIAS 2,946,618
CRAAN, TOBIAS 2,946,620
CRABB, PETER L. 2,946,524
CRAWLEY, ADRIAN P. 2,946,619
CREATIVASC MEDICAL CORPORATION 2,946,856
CREWDSON, PATRICK 2,947,092
CRISTAL USA INC. 2,944,448
CRITTENDEN, JOSHUA D. 2,947,145
CROUZET, LAUREEN 2,945,430
CRUICKSHANK, JACK 2,946,886
CRUICKSHANK, JAMES 2,946,886
CRUMPLER, SIMON ROSS 2,943,659
CUBIC CORPORATION 2,947,164
CUCCHIA, GABRIELE 2,946,685
CULLY, EDWARD H. 2,945,185
CUNNINGHAM, J.D. 2,946,588
CUTSHALL, NEIL S. 2,946,754
CUTSHALL, NEIL S. 2,946,756
CUYCKENS, FILIP ALBERT CELINE 2,943,683
CYMABAY THERAPEUTICS, INC. 2,944,139
D'ANGELO, IGOR EDMONDO PAOLO 2,946,503
DAASCH, JAMIE 2,944,785
DAHLKE, FRANK 2,943,598
DAMELIN, MARC ISAAC 2,947,148
DAMNJANOVIC, ALEKSANDAR 2,945,173
DANA CANADA CORPORATION 2,947,178
DANIELS, MICHAEL P. 2,944,666
DANISH TECHNOLOGY CENTER-DANTECH APS 2,943,845
DASSEUX, JEAN-LOUIS 2,947,127
DAUMKE, OLIVER 2,944,962
DAVE, HITESHKUMAR 2,947,161
DAVIS, ROBERT 2,944,444
DAVIS, TOD WINTON 2,945,109
DAY, WILLIAM 2,947,045
DE ALMEIDA, PATRICIA 2,943,834
DE FOREST, NIKOL 2,946,752
DE HULLU, MATTHEUS JACOB 2,944,321
DE HULLU, MATTHEUS JACOB 2,944,843
DE HULLU, MATTHEUS JACOB 2,944,991
DE JUAN, EUGENE 2,944,010
DE LA RUE INTERNATIONAL LIMITED 2,943,592
DE MEDINA, PHILIPPE 2,943,614

DE PAULA MOREIRA, FRANCISCO 2,946,898
DEAMP AS 2,946,520
DEANGLIS, ASHLEY 2,943,928
DECARR, GRAIG 2,946,571
DECATHLON 2,946,685
DEERE, R. PAUL 2,947,153
DEERE, R. PAUL 2,947,154
DEGUDENT GMBH 2,944,249
DEJANA, ELISABETTA 2,944,600
DEL MAR PHARMACEUTICALS 2,946,538
DELAVOUX, YOAN 2,943,878
DELAY, NICOLAS 2,945,657
DELAY, NICOLAS 2,945,659
DELTA T CORPORATION 2,947,019
DEMARCHI, JACQUELINE 2,945,344
DEMETRIOU, MICHAEL 2,946,742
DENNIS, JAMES 2,946,742
DENTSPLY INTERNATIONAL INC. 2,945,164
DERRIEN, MURIEL 2,945,430
DERRY, MARK 2,946,767
DESHAYS, CLEMENT 2,946,525
DESHMUKH, SWAPNIL SUDHAKAR 2,944,116
DESMET, JAMES M. 2,947,019
DESY, PHILIPPE 2,946,486
DEVINE, PATRICK 2,947,151
DEWEY, DAVID 2,943,807
DIACETIS, STEPHEN P. 2,946,667
DIAZ, HOYMA JOEL MAZARA 2,947,023
DICK, SASCHA 2,943,570
DIEP, BUU Q. 2,946,526
DIETERLE, THOMAS 2,943,662
DIETHELM, STEFAN 2,946,939
DIJKSHOORN, DIRK 2,944,321
DIJKSHOORN, DIRK 2,944,843
DIJKSHOORN, DIRK 2,944,991
DINUNZIO, JAMES C. 2,943,808
DIXIT, DINESH DNYANESHWAR 2,944,116
DIXIT, SURJIT BHIMARAO 2,946,503
DIXON, RICHARD A. F. 2,946,741
DIXON, RICHARD A.F. 2,946,747
DO, ALEXANDRA 2,945,344
DOBBYN, GREGORY JOHN 2,946,744
DOBSON, CLAIRE 2,946,669
DONG, YUXIA 2,947,032
DONG-A ST CO., LTD. 2,946,834
DORON, SIVAN 2,943,928
DORSTEN, RON 2,946,866
DOTSON, DANIEL J. 2,944,785
DOTZAUER, DAVID 2,947,110
DOW AGROSCIENCES LCC 2,946,987
DOW AGROSCIENCES LLC 2,946,848
DOW AGROSCIENCES LLC 2,947,161
DRENTH, CHRISTOPHER L. 2,946,574
DREW, JEFFREY 2,945,201
DRFIRST.COM, INC. 2,946,853
DRINKWATER, WILLIAM EDWIN 2,946,725
DRUDI, ZACHARY 2,947,158
DRUMMOND, SCOTT 2,947,040
DSM IP ASSETS B.V. 2,944,955
DSM IP ASSETS B.V. 2,944,957
DU, CHANGCHUN 2,943,834
DU, LEI 2,947,077
DUAN, RUILIN 2,946,777
DUAN, RUILIN 2,947,095
DUCHARLET, PASCAL 2,944,974
DUFFIN, JAMES 2,946,619
DUMUR, PHILIPPE 2,945,656
DUMUR, PHILIPPE 2,945,659
DUNNE, STEPHEN 2,946,683
DUNNE, STEPHEN 2,947,105
DURINCK, STEFFEN 2,944,717
DUSTERHOFT, RONALD GLEN 2,947,101
DYLLA, SCOTT J. 2,947,148
DYNAMIC E FLOW GMBH 2,943,862
DZURMAN, PETER 2,946,767
E.T.I.A. - EVALUATION TECHNOLOGIQUE, INGENIERIE ET APPLICATIONS 2,944,391
EATON CORPORATION 2,947,023
ECOLAB USA INC. 2,947,017
ECOLAB USA INC. 2,947,110
EDELSON, JONATHAN 2,947,027
EDEN, IBRAHIM 2,945,610
EGAN, PATRICK L. 2,946,893
EGAWA, KAHORI 2,946,825
EGGAN, KEVIN C. 2,946,514
EKSTEEN, MARIANA 2,943,857
EKSTRAND, SIMON 2,936,305
EL KOUCHE, BILAL 2,945,551
ELC MANAGEMENT LLC 2,946,870
ELC MANAGEMENT LLC 2,946,874
ELC MANAGEMENT LLC 2,946,878
ELI LILLY AND COMPANY 2,945,157
ELLIOTT, DANIEL LEE 2,946,555
ELLIOTT, PATRICK 2,945,344
ELMER, KARL-HEINZ 2,945,683
EMERAMED LIMITED 2,944,113
EMMOTT, DOUGLAS ARTHUR 2,946,683
EMMOTT, DOUGLAS ARTHUR 2,947,105
EMORY UNIVERSITY 2,946,867
ENGEL, STEPHEN JAMES 2,947,017
ENLIGHTEN LUMINAIRES LLC 2,946,843
ENTSFELLNER, CHRISTIAN 2,947,106
ENVIROLOGIX, INC. 2,946,737
EPIMERON INC. 2,946,771
ERDELMEIER, IRENE 2,944,126
EREZ, LIOR 2,943,928
ERICKSON, GRANT M. 2,945,360
ERICSSON, JAN 2,945,412
ERREN, STEFAN 2,943,663
ESPIAL GROUP INC. 2,946,907
ETHICON, INC. 2,943,928
EVERSON, TERRANCE P. 2,947,017
EVOLUTION ENGINEERING INC. 2,946,627
EVOTEC INTERNATIONAL GMBH 2,944,103
EWALD, HENRY T. 2,946,866
EXACT IMAGING INC. 2,946,691
EXPRESSION PATHOLOGY, INC. 2,946,888
EXPRESSION PATHOLOGY, INC. 2,946,895
EZ-ENERGIES GMBH 2,946,939
F. HOFFMANN-LA ROCHE AG 2,943,575
F. HOFFMANN-LA ROCHE AG 2,943,719
F. HOFFMANN-LA ROCHE AG 2,944,895
F. HOFFMANN-LA ROCHE AG 2,945,066
F. HOFFMANN-LA ROCHE AG 2,947,098
F. HOFFMANN-LA ROCHE AG 2,947,099
F.HOFFMANN-LA ROCHE AG 2,943,662
F.HOFFMANN-LA ROCHE AG 2,944,813
FACCHINI, PETER JAMES 2,946,771
FAGIN, JAMES A. 2,946,759
FAHMY, MOHAMED G. 2,944,879
FAN, PINLIANG 2,946,749
FARINAS, MAURICIO 2,946,732
FELIS, THOMAS 2,946,075
FENDLEY, DARRYL L. 2,947,145
FENG, PENGCHENG 2,946,648
FERGUSON, KENNETH M. 2,946,754
FERRARI, LORENZO 2,947,092
FEW FAHRZEUGELEKTRIK WERK GMBH & CO. KG 2,944,365
FILEK, JACOB 2,945,344
FISCHER, HERBERT 2,946,870
FISCHER, HERBERT 2,946,874
FISCHER, HERBERT 2,946,878
FISHER, JOSEPH 2,946,619
FISHER, LAUREL A. 2,946,612
FISKARS FINLAND OY AB 2,947,096
FLEMING, GRAHAM 2,946,835
FLOWBIZ RESEARCH INC. 2,947,138
FLOWERS, CHRISTOPHER LYNN 2,947,178
FLYNN, MICHAEL 2,946,788
FOMITCHEV-ZAMILOV, MAX I. 2,946,718
FONSECA, ERNESTO 2,946,732
FORSIGHT LABS, LLC 2,944,010
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,943,570
FREDERICK, JOSHUA 2,944,785
FREI, STEFAN 2,946,734
FREI, WERNER 2,946,752
FRIEDMAN, EVAN J. 2,944,542
FRIEDMAN, KEVIN 2,946,552
FRIEDMAN, KEVIN 2,946,585
FRIMAN, MATS 2,947,117
FRITZ EGGER GMBH & CO. OG 2,944,698
FROELICH, STEVEN 2,947,035
FU, GUOYI 2,944,448
FU, JIANMIN 2,943,792
FUEG, SIMONE 2,943,570
FUJII, HARUHIKO 2,946,988
FUJINO, KENJIRO 2,947,129
FUKUNAGA, KENJI 2,946,702
GAAL, PETER 2,945,173
GAAL, PETER 2,945,518

GAAL, PETER 2,945,520
GABATHULER, REINHARD 2,943,890
GACO WESTERN, LLC 2,946,714
GAGARIN, RUTHSENNE 2,946,892
GAGE, JENNIFER LYNN 2,946,756
GALDERMA RESEARCH & DEVELOPMENT 2,944,073
GALIK, MILAN 2,947,152
GALLEY, GUIDO 2,943,575
GALVIN, KATHERINE M. 2,943,808
GAMBINI, ANDREA 2,943,699
GAMMILL, INC. 2,946,555
GANGOOR, NATESHA SANJEEVE GOWDA 2,946,571
GAO, MINGZHI 2,946,777
GAO, MINGZHI 2,947,095
GAO, RENLONG 2,944,749
GARCES, AMY 2,945,344
GARCIA-MAYANS, ALDRICK 2,946,851
GATE, GWENNAEL 2,945,896
GE OIL & GAS ESP, INC. 2,946,521
GEA FOOD SOLUTIONS GERMANY GMBH 2,944,668
GENDLER, ZOHAR 2,946,969
GENENTECH, INC. 2,943,834
GENENTECH, INC. 2,944,712
GENENTECH, INC. 2,944,717
GENERAL ELECTRIC COMPANY 2,944,563
GENERAL ELECTRIC COMPANY 2,945,109
GENEWEAVE BIOSCIENCES, INC. 2,946,752
GENZYME CORPORATION 2,946,593
GEORGES, BENOIT 2,946,960
GEORGIA-PACIFIC CONSUMER PRODUCTS LP 2,944,527
GERARDINI, DAVIDE 2,946,817
GERG, MICHAEL 2,944,895
GERG, MICHAEL 2,945,066
GERGES, IRINI 2,944,841
GERMITEC SA 2,946,525
GHOSH, SAMBUDDHA 2,943,903
GIBLER, MARTIN J. 2,946,838
GIFFORD, HANSON S. 2,944,010
GILBERTSON, GARY WAYNE 2,945,660
GILEAD SCIENCES, INC. 2,943,824
GIRAULT, RAPHAEL 2,946,685
GIRIJAVALLABHAN, VINAY M. 2,943,792
GIUSEPPIN, MARCO LUIGI FEDERICO 2,944,398
GLANCY, TODD P. 2,946,848
GLENN, ROBERT WAYNE, JR. 2,945,510
GLINKA, TOMASZ 2,947,041
GLOBALTECH CORPORATION PTY LTD 2,946,574
GLOFTIS, JASON MICHAEL 2,946,613
GLOMBIK, HEINER 2,943,864
GLOVINSKY, YOSEPH 2,943,722
GLYNN, CHRISTOPHER CHARLES 2,944,563
GODBOLE, HIMANSHU MADHAV 2,944,116
GOEPFERT, SIMON 2,944,965
GOEPFERT, ULRICH 2,943,719
GOEPFERT, ULRICH 2,944,813
GOLDA, JEFFREY A. 2,943,807
GONZALEZ, JAVIER G. 2,943,807
GONZALEZ, SANDY OMAR JIMENEZ 2,947,023
GOODIER, STEVEN PAUL 2,947,100
GOOGLE INC. 2,945,360
GOREK, JOSEF E. 2,946,872
GOROKHOV, ALEXEI YURIEVITCH 2,945,518
GOROKHOV, ALEXEI YURIEVITCH 2,945,520
GOSNELL, JONATHAN D. 2,943,987
GOSSEL, MATTHIAS 2,943,864
GR DOME MEDICAL LTD. 2,946,694
GR8 ENGINEERING LIMITED 2,943,680
GRAMLICH, DONALD L. 2,947,146
GREEN, BRAD C. 2,946,875
GREENAWAY EVANS, CHARLES RODNEY 2,946,568
GRIFFIN, STEPHEN 2,946,078
GRISWOLD, RYAN C. 2,946,752
GROMPONE, GIANFRANCO 2,945,430
GROSS, FREDERICK W. 2,944,192
GROSS, PETER L. 2,947,142
GROTE INDUSTRIES, LLC 2,947,146
GROTHAUS, JEFFREY THOMAS 2,945,660
GROVES, MARIA 2,946,669
GRUNENTHAL GMBH 2,946,618
GRUNENTHAL GMBH 2,946,620
GU, YONGMING 2,944,545
GUANGZHOU CELPROTEK PHARMACEUTICAL CO., LTD. 2,946,647
GUARAGNO, KENNETH R. 2,945,164
GUEDES, LINO 2,946,225
GUJRATY, KUNAL VIRENDRA 2,944,027
GUO, CHUANXIONG 2,946,545
GUTJAHR, WALTER 2,946,652
HAGEN, CHRISTOPHER 2,944,469
HALEY, BOYD EUGENE 2,944,113
HALEY, STEPHEN D. 2,946,918
HALL, DERRARD 2,944,394
HALLAC, BASSEM 2,946,927
HALLAND, NIS 2,943,864
HALLIBURTON ENERGY SERVICES, INC. 2,946,743
HALLIBURTON ENERGY SERVICES, INC. 2,946,839
HALLIBURTON ENERGY SERVICES, INC. 2,946,847
HALLIBURTON ENERGY SERVICES, INC. 2,946,857
HALLIBURTON ENERGY SERVICES, INC. 2,947,004
HALLIBURTON ENERGY SERVICES, INC. 2,947,008
HALLIBURTON ENERGY SERVICES, INC. 2,947,101
HALLIBURTON ENERGY SERVICES, INC. 2,947,140
HALLIBURTON ENERGY SERVICES, INC. 2,947,143
HALLIBURTON ENERGY SERVICES, INC. 2,947,144
HALLIBURTON ENERGY SERVICES, INC. 2,947,147
HALVERSON, KURT J. 2,946,745
HAMEL, YVAN 2,946,986
HAMERSKY, MARK WILLIAM 2,945,510
HAMM, THOMAS R. 2,944,882
HANDLEY, EDWARD 2,946,553
HANGZHOU ZHENGLONG HOSE FACTORY 2,900,827
HARESTAD, KRISTIAN 2,946,225
HART, JESSICA M. 2,947,145
HART, JOHN S. 2,943,807
HART, JOHN SCOT 2,943,632
HARVEY, NICHOLAS JAMES ALEXANDER 2,947,158
HASS, PHILIP E. 2,944,712
HATCH LTD. 2,946,918
HAWKEYE CONCRETE PRODUCTS CO. 2,945,349
HAWKEYE CONCRETE PRODUCTS CO. 2,945,410
HAYASHI, AKIHIRO 2,946,527
HAYASHI, NORIMITSU 2,946,702
HECKER, SCOTT 2,947,041
HEFEI HUALING CO., LTD. 2,946,912
HEFEI MIDEA REFRIGERATOR CO., LTD. 2,946,912
HEIMBERG, THORSTEN 2,944,371
HEJLEH, KHAIED 2,946,574
HELGESEN, JAMES P. 2,946,140
HEMBROUGH, TODD 2,946,888
HEMBROUGH, TODD 2,946,895
HENNINGER, PETER 2,943,581
HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA 2,942,917
HERAKLES 2,944,974
HERNANDEZ, MARIO NUNEZ 2,947,023
HERNANDEZ-MENA, STEPHEN A. 2,946,700
HERTEL, ALEXANDER 2,945,936
HERTEL, PHILIPP 2,945,936
HERTRAMPF, THORSTEN 2,946,618
HERTRAMPF, THORSTEN 2,946,620
HERVIER, THIBAULT 2,945,896
HILL, ERIN 2,947,110
HILL, MARK 2,944,444
HILPERT, JOHANNES 2,943,570
HILTGEN, DANIEL 2,947,151
HIRATA, IKUO 2,946,508
HITACHI SYSTEMS, LTD. 2,946,695
HODGE, CHARLES ALLEN 2,947,017
HOELZER, ANDREAS 2,943,570
HOFFMAN, RAYMOND C. 2,946,838
HOFSTETTER, GREG 2,945,344

HOKE, ADAM 2,945,344
HOLMES, HEIDI 2,945,344
HONG, SUNGRYONG 2,945,944
HOOWAKI, LLC 2,946,732
HORBERG, WINFRIED 2,944,668
HORIUCHI, HIDEKI 2,946,702
HOSPIRA, INC. 2,947,045
HOSTYN, STEVEN ANNA 2,943,683
HOWARD, MICHAEL ALEXANDER 2,945,518
HOWARD, MICHAEL ALEXANDER 2,945,520
HU, HAIYAN 2,946,647
HU, JIANJUN 2,946,777
HU, JIANJUN 2,947,095
HU, YIMIN 2,943,575
HUANG, ERIC YI-CHUN 2,946,751
HUANG, GUI CHAO 2,946,892
HUANG, JIANXING 2,934,553
HUANG, LING 2,946,669
HUANG, XIAOQIAN 2,946,836
HUANG, YIJUN 2,946,647
HUAWEI TECHNOLOGIES CO., LTD. 2,936,305
HUAWEI TECHNOLOGIES CO., LTD. 2,944,066
HUAWEI TECHNOLOGIES CO., LTD. 2,946,630
HUAWEI TECHNOLOGIES CO., LTD. 2,946,636
HUAWEI TECHNOLOGIES CO., LTD. 2,946,772
HUAWEI TECHNOLOGIES CO., LTD. 2,946,774
HUAWEI TECHNOLOGIES CO., LTD. 2,947,183
HUAWEI TECHNOLOGIES CO., LTD. 2,947,184
HUGGINS, JANE E. 2,946,604
HUIJBREGTS, LAURENTIA JOHANNA 2,944,242
HULSEMAN, RALPH 2,946,732
HULSEMAN, SARAH 2,946,732
HUMAYUN, MARK 2,946,536
HUMPHRIES, PAUL 2,944,074
HURCO COMPANIES, INC. 2,944,192
HUSEBEKK, ANNE 2,943,857
HUXLEY, ANTHONY 2,943,896
HWANG, JUNGTAIK 2,946,891
HWANG, SANG-WOOK 2,946,701
HYMAN, DAVID 2,946,906
IANIRO, TEODORO T. 2,946,612
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI 2,947,159
IFOM FONDAZIONE ISTITUTO FIRC DI ONCOLOGIA MOLECOLARE 2,944,600
IHI CORPORATION 2,946,513
IHLE, OISTEIN 2,943,857
IIJIMA, DAISUKE 2,946,702
IKEDA, HISAKO 2,946,709
IKEDA, SHUJI 2,946,513
IKONEN, ELIAS 2,943,850
ILLINOIS TOOL WORKS INC. 2,945,480
IMMUNEXCITE, INC. 2,946,679
IMMUSANT, INC. 2,946,862
IMMUSANT, INC. 2,946,864
IMMUSANT, INC. 2,946,869
IMMUSANT, INC. 2,946,887
INCYTE CORPORATION 2,945,151
INDENA S.P.A. 2,943,699
INGENICO GROUP 2,945,551
INGENICO GROUP 2,946,143
INGENICO GROUP 2,946,145
INGRAM, STEPHEN FROWE 2,947,158
INNOVATION FOODS 360, S.L. 2,944,202
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE 2,945,430
INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE 2,947,179
INSTRUMENTATION LABORATORY COMPANY 2,946,877
INTERACTIVE BROKERS LLC 2,947,152
IOSIFOV, DMITRY YURYEVICH 2,944,142
ISHIDA, MASAHIRO 2,946,996
ISKANDER, MAGDY F. 2,946,892
ISRAELI, NIR 2,943,722
ITAGAKI, NORIAKI 2,946,702
IWAKI, YUICHI 2,946,594
IWAKI, YUICHI 2,946,597
IWAMOTO, SHINYA 2,946,822
IYER, RAHUL 2,946,599
IYOHA, OSEMWENGIE UYI 2,944,071
IZI MEDICAL PRODUCTS, LLC 2,944,313
IZUEL SANZ, FRANCISCO JAVIER 2,944,202
JACOB, GUILLAUME 2,945,896
JACOBS, JORDAN 2,946,856
JACOTEY, JEREMY 2,946,687
JAFARIAN, AMIN 2,945,190
JAIN, ADINATH MURLIDHAR 2,944,116
JAISWAL, BIJAY 2,944,717
JAMIL, MUSTAFA 2,947,151
JANG, BYUNG JUN 2,946,834
JANIAUD, ERIC 2,944,338
JANSEN, ROBERT 2,946,927
JANUZZI, JAMES 2,943,662
JAPAN TOBACCO INC. 2,947,135
JEFFERIES, WILFRED 2,943,890
JERNIGAN, WALTER 2,947,098
JI, TINGFANG 2,945,518
JI, TINGFANG 2,945,520
JIA, MING 2,946,772
JIMENEZ GARCIA, LUCIA 2,944,970
JIMENEZ GARCIA, LUCIA 2,944,972
JING, YAWU 2,944,199
JINNOHARA, NOBUO 2,946,983
JINNOHARA, NOBUO 2,947,009
JOENSEN, METTE KRISTINA 2,943,845
JOHANSEN, ESBEN W. 2,945,557
JOHNSON INDUSTRIES INTERNATIONAL, INC. 2,946,550
JOHNSON INDUSTRIES INTERNATIONAL, INC. 2,946,564
JOHNSON, JAMES S. 2,946,856
JOHNSON, KENNETH 2,946,696
JOHNSTON, RAYMOND P. 2,946,745
JONAS, MARCO 2,946,756
JONES, CLARE 2,946,669
JONES, ROBERT 2,946,696
JONES, RUSSELL MARK 2,943,683
JONES, SCOTT J. 2,947,146
JONES, STEVAN DAVID 2,944,027
JORDAN, GREGORY R. 2,943,987
JOSEPH, ABNER 2,947,099
JOSHI, RAJAN LAXMAN 2,945,036
JOSHI, RAJAN LAXMAN 2,945,039
JOSHI, RAJAN LAXMAN 2,945,042
JOSHI, RAJAN LAXMAN 2,945,534
JOVCHEVA, ELEONORA 2,943,682
JOVCHEVA, ELEONORA 2,943,687
JOY, RONALD EUGENE 2,947,144
JUDICE, STEPHEN A. 2,946,737
KADEREIT, DIETER 2,943,864
KAINDL, BENJAMIN 2,947,106
KAISER, EDELGARD 2,943,662
KALAN, BRUCE 2,946,904
KALB, ROLAND 2,943,716
KALDSTROM, MATS 2,943,850
KAMBAYASHI, TAKU 2,946,511
KAMOR, MICHAEL 2,946,849
KANE, JOHN JAMES 2,946,679
KANG, DAE 2,947,025
KANG, KYUNG KOO 2,946,834
KANNAN, KARUPPIAH 2,943,808
KANZAKI, NORIYUKI 2,946,825
KARCZEWICZ, MARTA 2,945,036
KARCZEWICZ, MARTA 2,945,039
KARCZEWICZ, MARTA 2,945,042
KARCZEWICZ, MARTA 2,945,534
KARINIEMI, RYAN D. 2,945,185
KARL, JOHANN 2,943,662
KARPF, DAVID 2,944,139
KARSIDAG, SULEYMAN TARKAN 2,946,486
KASHIMA, TETSUYA 2,947,003
KAUFMAN, DAN SAMUEL 2,944,199
KAWAMORITA, KAZUO 2,946,695
KAWAMOTO, KAZUTAKA 2,947,129
KEHR, MARKUS 2,943,581
KELLEY, ROBERT F. 2,944,712
KENNEDY, ADAM M. 2,946,526
KERIMO, JOSEF 2,946,877
KERWIN, KEVIN R. 2,947,142
KESSICK, EVAN 2,946,588
KESSLER, STEVEN 2,945,344
KHALIFA, SAMMY 2,946,595
KHALIL, AHMED 2,946,867
KHAN, ANAB 2,946,971
KIM, EUN-KYUNG 2,946,516
KIM, EUNJIN 2,946,834
KIM, GWAN-YOUNG 2,946,701
KIM, HUN-TAEK 2,946,701
KIM, HYUN JUNG 2,946,834
KIM, JAE-KYUNG 2,946,516
KIM, JAEHYUNG 2,945,944

KIM, JEONG 2,943,834
KIM, JU MI 2,946,834
KIM, SOON-HOE 2,946,834
KIM, SUN-MIN 2,944,355
KIM, YUN SOUNG 2,947,025
KIME, ROBERT 2,946,620
KIMURA, RIICHIRO 2,945,062
KINDER, LEE M. 2,947,178
KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS 2,946,573
KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS 2,946,577
KIRK, RALPH 2,943,896
KISKINIS, EVANGELOS 2,946,514
KISSEI PHARMACEUTICAL CO., LTD. 2,946,523
KITADE, MAKOTO 2,946,833
KLEIN, EYAL 2,946,602
KLEPPA, ERLING 2,946,225
KLINGBERG, RAGNAR AXEL THEODOR 2,944,113
KLUGE, ARTHUR F. 2,946,679
KNAUF, JEFFREY A. 2,946,759
KNEPLER, JOHN T. 2,946,553
KNETSCH, JORG 2,944,371
KO, WOOSUK 2,945,944
KOCIAN, THOMAS ALLAN 2,946,526
KODONO, YUKI 2,943,808
KOGA, KAZUMICHI 2,947,003
KOKKINIDOU, SMARO 2,946,575
KOLLEP, ALEXANDRE 2,945,656
KOLLEP, ALEXANDRE 2,945,657
KOLLEP, ALEXANDRE 2,945,659
KOMATSUZAKI, YUJI 2,946,706
KOMON, ZACHARY 2,946,746
KOMON, ZACHARY J.A. 2,946,884
KONDO, HITOMI 2,946,833
KONINKLIJKE PHILIPS N.V. 2,944,242
KONTOROVICH, BORIS 2,947,018
KOPEL, EVGENI 2,946,602
KOROLEV, EUGENE 2,944,142
KRALJ, JOEL 2,946,514
KRAMER, THOMAS 2,945,549
KRASNOW, NICHOLAS 2,946,586
KRAY, NICHOLAS JOSEPH 2,945,109
KREININ, YURI 2,946,615
KRIZMAN, DAVID B. 2,946,888
KRIZMAN, DAVID B. 2,946,895
KROGMAN, NICK 2,946,714
KRONER, FRANK 2,944,895
KRUPP, BENJAMIN T. 2,946,838
KUA, ANTHONY 2,947,131
KULAS, JOHN W. 2,945,806
KULL, MARTEN 2,946,672
KUMENO, HIROYUKI 2,947,138
KUNTZ, ACHIM 2,943,570
KUTAY, BENJAMIN JOHN 2,945,510
KVASNES, TROND 2,946,225
KWAK, SEUNG 2,947,035
L-NUTRA INC. 2,944,088
LAAN, WILHELMUS JACOBUS 2,946,659
LABAER, JOSHUA 2,946,534
LABELLE, MARC 2,943,824
LABORDE, JOCELIN 2,944,974
LACHMANOVICH, ELAD D. 2,946,602
LAFARGE 2,944,257
LAGRANGE, TIMOTHY E. 2,947,021
LAI, DOMINIC 2,946,906
LAITRAM, L.L.C. 2,946,730
LAKE, TIMOTHY HUGH 2,947,100
LAKSHMANAN, MARTIN ANAND 2,944,390
LAM THERAPEUTICS, INC. 2,944,075
LAM, REBECCA 2,944,018
LAMBERT, CHRISTIAN M. 2,946,601
LAMPUGNANI, MARIA GRAZIA 2,944,600
LANDMARK GRAPHICS CORPORATION 2,946,835
LANDMARK GRAPHICS CORPORATION 2,946,836
LANGFORD, BETTILOU KENNEY 2,946,555
LANGLAIS, MICHAEL 2,946,995
LANGLAIS, MICHAEL 2,947,156
LANIADO, AMIR 2,946,694
LAPEYRE, ROBERT S. 2,946,730
LAPIDOT, NOA 2,946,927
LAPIDOT, SHAUL 2,943,710
LAPOSTA, RICHARD 2,946,870
LAPOSTA, RICHARD 2,946,874
LAPOSTA, RICHARD 2,946,878
LAVI, GILAD 2,943,722
LAWRENZ, DIRK 2,944,970
LAWRENZ, DIRK 2,944,972
LAWSON, JAMES ALAN 2,946,927
LE BORGNE, MATHIAS 2,945,896
LE, JAMES 2,946,521
LEBEK, MARTIN 2,947,190
LEBEL, REMI 2,944,126
LEDET, CHARLES J. 2,946,730
LEE, JI HYE 2,946,834
LEE, PETER 2,947,015
LEE, SEON-YEONG 2,946,516
LEE, SEUNG-HUN 2,946,516
LEE, SUNG-HEE 2,946,516
LEGACY VENTURES LLC 2,947,201
LEGANGNEUX, ERIC 2,943,598
LEHARY, TRISTAN VINCENT HULBERT 2,946,902
LEHMKUHL, JOSEF 2,947,190
LELY PATENT N.V. 2,944,321
LELY PATENT N.V. 2,944,843
LELY PATENT N.V. 2,944,991
LEMASSON, DOMINIQUE 2,946,687
LEMONT, FLORENT 2,946,930
LEPEZ, OLIVIER 2,944,391
LEPINE, FREDERIC 2,946,525
LESCH, BERNHARD 2,946,618
LESCH, BERNHARD 2,946,620
LESKO, MARC 2,946,757
LESLIE, KEITH 2,946,904
LEUNG, DONMIENNE DOEN MUN 2,945,157
LEVITON MANUFACTURING CO., INC. 2,946,849
LEVY, CHRISTOPHE 2,944,257
LG ELECTRONICS INC. 2,945,944
LI, CHANGXIU 2,946,777
LI, CHANGXIU 2,947,095
LI, DONGSHENG 2,946,914
LI, QIANG 2,945,109
LI, XIANZHONG 2,946,777
LI, XIANZHONG 2,947,095
LIAO, DEFU 2,946,630
LIAO, WEI-LI 2,946,888
LIBERATI, DOMENICO 2,943,585
LICHENSTEIN, HENRI 2,944,075
LIEDSCHULTE, VERENA 2,944,965
LIENHARD, JOHN H. 2,946,573
LIENHARD, JOHN H. 2,946,577
LIFECELL CORPORATION 2,944,542
LIFETIME BRANDS, INC. 2,946,725
LIGHT FLEX TECHNOLOGY, S.L. 2,946,672
LIM, SIAN TIONG (DECEASED) 2,946,568
LIN, JYH-HAN 2,946,667
LIN, JYH-HAN 2,946,686
LIN, MEIXIN 2,946,630
LINDBLAD, MARINA 2,943,850
LINDO, STEVE 2,947,045
LINLEY, JOHN 2,946,669
LITTLE, THOMAS L. 2,946,756
LIU, CHAO 2,946,912
LIU, DONGBING 2,947,186
LIU, DONGBING 2,947,189
LIU, FANG 2,947,053
LIU, HAITAO 2,946,777
LIU, HAITAO 2,947,095
LIU, JIHUA 2,943,733
LIU, JILI 2,946,627
LIU, LEI 2,947,161
LIU, LING 2,945,157
LIU, QI 2,946,747
LIU, QIANQIAN 2,946,638
LIU, SHAN 2,946,779
LIU, WENTAI 2,947,024
LIU, XUESONG 2,945,151
LIU, YINGHUI 2,946,732
LIU, ZHENJIE 2,947,186
LIU, ZHENJIE 2,947,189
LIXIVIA, INC. 2,946,884
LO, YI-KAI 2,947,024
LOCKHEED MARTIN CORPORATION 2,947,029
LOCKING KEY PTY LTD AS TRUSTEE FOR LOCKING KEY UNIT TRUST 2,946,613
LOCKWOOD, FRANCES E. 2,944,785
LOGUE, JAY D. 2,945,360
LOHMANN, MATTHIAS 2,943,864
LOMBOIS-BURGER, HELENE 2,944,257
LONG, BRUCE 2,946,755
LONGO, VALTER 2,944,088
LONGYEAR TM, INC. 2,946,574
LONGYEAR TM, INC. 2,946,601
LOPEZ, BOBBIE 2,946,886
LOVATT, HOWARD 2,946,904
LU, BINGZHENG 2,946,647

LU, JIRONG 2,945,157
LU, MINGFU 2,944,529
LUBRIZOL ADVANCED MATERIALS, INC. 2,945,797
LUHARUKA, RAJESH 2,946,764
LUKASZEWSKI, RODNEY J. 2,944,879
LUKE, WAYNE DOUGLAS 2,946,756
LUMENPULSE LIGHTING INC. 2,946,986
LUNDGREN, FREDRIK 2,944,114
LUO, MINKUI 2,946,609
LUO, TAO 2,945,173
LUPIN LIMITED 2,944,116
LV, XINPING 2,947,186
LV, XINPING 2,947,189
LYMAN, JEFFERSON 2,946,891
LYNCH, MATTHEW LAWRENCE 2,945,510
LYTH, DAVID 2,943,896
LYYTIKAINEN, SAMI 2,947,096
MA, CHANGYOU 2,946,777
MA, CHANGYOU 2,947,095
MA, ERIC HONGZHENG 2,946,848
MA, JING 2,946,777
MA, JING 2,947,095
MA, JIXING 2,946,777
MA, JIXING 2,947,095
MABROUK, MAJDI 2,946,930
MADDOCKS, IAN 2,945,601
MADSEN, LEE 2,946,927
MAGNETNOTES, LTD. 2,944,149
MAHESHWARI, RADHA K. 2,946,720
MAIER, DAWN 2,946,552
MAISONNIER, BRUNO 2,945,885
MAISONNIER, BRUNO 2,945,896
MAKAL, UMIT G. 2,945,797
MALADEN, RYAN DOMINIC 2,943,847
MALLADI, DURGA PRASAD 2,945,173
MALLINGER, AURELIE 2,943,659
MALSHE, AJAY P. 2,947,139
MALTZ, DAVID A. 2,946,545
MANDELL, DANIEL M. 2,946,619
MANIFOLD, JOHN ALLEN 2,943,847
MANIFOLD, JOHN ALLEN 2,943,961
MANIFOLD, JOHN ALLEN 2,943,990
MANIFOLD, JOHN ALLEN 2,944,046
MAO, BINGQUAN 2,947,186
MAO, BINGQUAN 2,947,189
MARANGONI MECCANICA S.P.A. 2,943,706
MARCHAND, MICKAEL 2,946,930
MARCHAND, NICHOLAS RYAN 2,946,894
MARCONI, PATRICK 2,943,618
MARINO, STEPHEN 2,944,962
MARJAMA, MARCUS L. 2,946,524
MARKOV, IGOR A. 2,946,615
MARTEL, PHILIPPE 2,944,073
MARTELLO, FEDERICO 2,944,841
MARTIN, NOLWENN 2,943,574
MARTIN, ROBERT 2,944,139
MARTIN, XAVIER 2,944,974
MARTYR, CUTHBERT D. 2,943,824
MARUYAMA, SHIGERU 2,946,515
MARX, MARTIN J. 2,947,146
MASAKI, RYUTA 2,947,003
MASCHAT, KEVIN 2,945,562
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,946,573
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,946,577
MASTERCARD INTERNATIONAL INCORPORATED 2,945,601
MATHEW, RENJITH 2,946,849
MATIS, NETA 2,946,927
MATSUDA, KAZUKO 2,946,594
MATSUDA, KAZUKO 2,946,597
MATSUDA, NAOKI 2,946,996
MATSUDA, SHUICHI 2,946,988
MATSUMOTO, HIROFUMI 2,947,135
MAURER, STEFAN 2,945,062
MAX-DELBRUCK-CENTRUM FUR MOLEKULARE MEDIZIN IN DER HELMHOLTZ-GEMEINSCHAFT 2,944,962
MAY, ALEXANDER 2,944,668
MAYER, LAURENT 2,945,551
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH 2,946,542
MAZITSCHEK, RALPH 2,944,030
MAZZINI, SCOTT A. 2,946,553
MCCLAIN, ERIK L. 2,947,142
MCCRAE, JAMES 2,947,179
MCDAID, SCOTT 2,946,896
MCDANIEL, ROBERT RAY 2,946,580
MCDERMOTT, MICHAEL JAMES 2,946,756
MCGEE, MATTHEW 2,946,838
MCGOVERN, RONAN KILLIAN 2,946,573
MCGOVERN, RONAN KILLIAN 2,946,577
MCKEOUGH, PATERSON 2,943,674
MCWHERTER, CHARLES A. 2,944,139
MEDIATEK SINGAPORE PTE. LTD. 2,946,779
MEDICINOVA, INC. 2,946,594
MEDICINOVA, INC. 2,946,597
MEDICOM INNOVATION PARTNER A/S 2,945,557
MEDIMMUNE LIMITED 2,946,669
MEDIMMUNE, LLC 2,946,906
MEDLINE INDUSTRIES, INC. 2,946,506
MEDLINE INDUSTRIES, INC. 2,946,507
MEDTRONIC PS MEDICAL, INC. 2,945,806
MEKONNEN, BELEW 2,934,553
MELLIN, ANDRE 2,943,847
MELLIN, ANDRE 2,943,961
MELLIN, ANDRE 2,943,990
MELLIN, ANDRE 2,944,046
MELODEA LTD. 2,943,710
MELVIN, LAWRENCE S. 2,944,075
MEMORIAL SLOAN-KETTERING CANCER CENTER 2,946,759
MENDEZ, PATRICK 2,947,154
MENEZES, CLIVE D. 2,946,743
MENEZES, CLIVE D. 2,946,857
MENEZES, CLIVE D. 2,947,008
MENEZES, CLIVE D. 2,947,143
MENSSEN, TODD 2,945,412
MERCK PATENT GMBH 2,943,659
MERCK SHARP & DOHME CORP. 2,943,792
MESTRE, PATRICK 2,945,601
METAMAKO TECHNOLOGY LP 2,946,896
METSO FLOW CONTROL OY 2,947,117
MEUNIER, ELODIE 2,946,960
MIAO, HUA 2,946,679
MIARNAU FERNANDEZ, JULIO 2,946,671
MICHAELSEN, TERJE 2,943,857
MICROSOFT TECHNOLOGY LICENSING, LLC 2,946,545
MICROSOFT TECHNOLOGY LICENSING, LLC 2,946,667
MICROSOFT TECHNOLOGY LICENSING, LLC 2,946,686
MICROSOFT TEHCNOLOGY LICENSING, LLC 2,945,610
MIDTTUN, STEVEN 2,946,898
MIKULIS, DAVID 2,946,619
MILES, PHILIP 2,946,688
MILLENNIUM PHARMACEUTICALS, INC. 2,943,808
MILLER, CHRISTOPHER C. 2,946,828
MILLIGAN, CHRISTOPER B. 2,947,145
MISRA, GARIMA 2,947,140
MITSUBISHI ELECTRIC CORPORATION 2,946,706
MITSUBISHI TANABE PHARMA CORPORATION 2,946,702
MIYAGI, TAKASHI 2,946,523
MIYAZAKI, TERUHISA 2,946,541
MIYAZAKI, TERUHISA 2,946,548
MIZUTANI, TAKASHI 2,946,833
MLT-MICRO LASER TECHNOLOGY GMBH 2,946,520
MODERNATX, INC. 2,946,751
MODRUSAN, ZORA 2,944,717
MOHAMMAD, MOHAMMAD AMIN 2,944,900
MOHS, THOMAS R. 2,947,110
MOI, STEIN ERIK 2,947,147
MONCEAUX, JEROME 2,945,885
MONCEAUX, JEROME 2,945,896
MONTAGUTELLI, DENIS 2,945,413
MOOIJ, CATHARINA MARIA ANTOINETTE 2,944,398
MOON, YOUNGME 2,946,727
MOORE, STEPHEN P. 2,945,480
MORAN, THOMAS H. 2,946,524
MOREAU, VIRGINIE 2,946,960
MORGAN, RICHARD 2,946,552
MORGAN, RICHARD 2,946,585
MORGENTHAU, ADAM S. 2,947,159
MORITZ, BENJAMIN 2,943,719

MORITZ, BENJAMIN 2,944,813
MOTZING, GRAHAM 2,947,154
MOUND, ANDREW JONATHAN 2,946,096
MOUPFOUMA, FIDELE 2,943,587
MOUTET, MARC 2,944,126
MOWER, MORTON M. 2,947,056
MR3 MEDICAL, LLC 2,947,056
MUDALY, GLENN 2,944,322
MUKHERJEE, SUTAPA 2,944,960
MUKKAVILLI, KRISHNA KIRAN 2,945,518
MUKKAVILLI, KRISHNA KIRAN 2,945,520
MULLER, ULRICH 2,945,062
MULTIPLE ENERGY TECHNOLOGIES LLC 2,946,898
MUN, CHULKYU 2,945,944
MUNOZ-SANJUAN, IGNACIO 2,947,035
MURAI, YUICHI 2,947,138
MURAKAMI, NORIO 2,946,515
MYERS, KATHLEEN 2,944,444
NACCACHE, DAVID 2,945,551
NAGLER, THOMAS 2,946,568
NAIR, LAKSHMI 2,947,015
NAKA, NOBUHIKO 2,946,824
NAKAYAMA, YUJI 2,946,705
NANOMECH, INC. 2,947,139
NARA, HIDEKI 2,946,705
NARDI, ANTONIO 2,946,618
NARDI, ANTONIO 2,946,620
NASCHEM CO., LTD. 2,946,998
NATIONAL OILWELL VARCO, L.P. 2,946,894
NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY 2,947,138
NAUTILUS, INC. 2,946,524
NEAL, JOSHUA LEE 2,946,753
NEC CORPORATION 2,946,508
NEC CORPORATION 2,947,138
NEC PLATFORMS, LTD. 2,946,515
NELLES, PETER F. 2,946,550
NELLES, PETER F. 2,946,564
NELSON, CALEB T. 2,946,745
NELSON, CHRISTOPHER 2,946,506
NELSON, CHRISTOPHER 2,946,507
NELSON, DANIEL 2,946,714
NELSON, TROY D. 2,946,140
NENCIONI, ALESSIO 2,944,088
NESHEIM, GARY L. 2,946,550
NESHEIM, GARY L. 2,946,564
NESHEIM, GRANT L. 2,946,550
NESHEIM, GRANT L. 2,946,564
NESTE OIL OYJ 2,943,850
NESTEC S.A. 2,945,656
NESTEC S.A. 2,945,657
NESTEC S.A. 2,945,659
NESTEC S.A. 2,946,076
NESTEC S.A. 2,946,084
NETKINE, INC. 2,947,151
NETTLETON-HAMMOND, JOHN HENRY 2,945,200
NEW INJECTION SYSTEMS LTD 2,947,105
NEW INJECTION SYSTEMS LTD. 2,946,683
NEXEN ENERGY ULC 2,946,767
NGUYEN, MAN MINH 2,944,913
NGUYEN, PAUL 2,947,046
NGUYEN, PAUL 2,947,051
NGUYEN, PAUL 2,947,054
NGUYEN, PAUL 2,947,072
NGUYEN, PAUL 2,947,073
NGUYEN, PHILIP D. 2,946,847
NI, ZHENYA 2,944,199
NICERON, CECILE 2,944,260
NIEDERFELLNER, GERHARD 2,944,895
NIEDERFELLNER, GERHARD 2,945,066
NIEMZ, FRANK-GUNTHER 2,944,527
NIHON SUPERIOR CO., LTD. 2,946,994
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,946,541
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,946,548
NIPPON TELEGRAPH AND TELEPHONE EAST CORPORATION 2,946,515
NIPPON TELEGRAPH AND TELEPHONE WEST CORPORATION 2,946,515
NISHI, KENGO 2,946,983
NISHI, KENGO 2,947,009
NISHIDA, MASATA 2,946,695
NISHIHARA, JUN 2,946,706
NISHIMURA, TAKATOSHI 2,946,994
NISHIMURA, TETSURO 2,946,994
NISSAN MOTOR CO., LTD. 2,947,132
NITRIC SOLUTIONS, INC. 2,946,828
NITTO DENKO CORPORATION 2,943,733
NOGAMI, KOU 2,946,515
NOHRIA, NITIN 2,946,727
NOKIA SOLUTIONS AND NETWORKS OY 2,947,077
NOONAN, GARY 2,943,896
NOORDAM, BERTUS 2,944,955
NOORDAM, BERTUS 2,944,957
NORCROSS, ROGER 2,943,575
NORINNOVA TECHNOLOGY TRANSFER AS 2,943,857
NOTO, HIFUMI 2,946,706
NOVA BIOMEDICAL CORPORATION 2,947,000
NOVARTIS AG 2,943,598
NOWOFOL KUNSTSTOFFPRODUKTE GMBH & CO. KG 2,946,520
NSS LABS, INC. 2,946,734
NTT DOCOMO, INC. 2,946,824
O'BRIEN, GRANT PETER 2,946,613
O'MALLEY, MARK 2,947,100
O'MEARA, MADELEINE C. 2,943,807
OAKLEY, TOM 2,946,683
OBERHOLTZER, GARY 2,946,757
ODEN, FELIX 2,944,962
ODETTI, PATRIZIO 2,944,088
OESTERGAARD, JACOB 2,947,187
OESTERGAARD, KAJ 2,947,187
OFFENBACHER, MARK 2,947,099
OGANESYAN, ANI 2,946,742
OGATA, OSAMU 2,946,705
OGAWA, YUMI 2,946,518
OGUCHI, HIROKI 2,946,512
OHKUBO, SHUICHI 2,946,833
OHNO, KOHSUKE 2,946,523
OKAZAKI, KENSUKE 2,946,518
OKUYAMA, MASAHIRO 2,946,702
OLSEN, DAVID B. 2,943,792
OLSEN, GARRETT T. 2,946,839
OLSON, KENNETH G. 2,946,752
OLSON, MICHAEL 2,944,882
OMAR, AMR HAJ 2,947,025
OMEROS CORPORATION 2,946,754
OMEROS CORPORATION 2,946,756
OMI, TAKUYA 2,946,515
OMICRON ELECTRONICS GMBH 2,946,955
OMONT, GREGOIRE 2,946,764
OMRIX BIOPHARMACEUTICALS LTD. 2,943,928
OPTIMEDICA CORPORATION 2,943,632
OPTIMEDICA CORPORATION 2,943,807
OREGON STATE UNIVERSITY 2,944,469
OREN, GUY 2,944,010
OSIPOV, PAVEL VASSILIEVITCH 2,943,663
OSTROVSKY, MICHAEL 2,946,849
OTSUKA, HIROSHI 2,946,706
OTSUKA, YUTA 2,946,825
OUELLETTE, SYLVAIN 2,942,917
OUTER-RIM DEVELOPMENTS PTY LTD 2,946,904
OWEN OIL TOOLS LP 2,947,021
OWEN, THOMAS EDWARD 2,946,870
OWEN, THOMAS EDWARD 2,946,874
OWEN, THOMAS EDWARD 2,946,878
OWNBY, CLAYTON A. 2,946,839
OWNBY, CLAYTON ARTHUR 2,947,144
OZCAN, UMUT 2,944,030
OZONO ELETTRONICA INTERNAZIONALE S.R.L. 2,946,255
PAILLASSE, MICHAEL 2,943,614
PALM, SCOTT K. 2,943,987
PAMRICK ENTERPRISES, LLC 2,946,893
PANSERA, MARIO 2,946,255
PANTOJA LEON, ANGELICA 2,947,137
PAPP, ERIK P. 2,947,151
PARDO, JANET 2,946,870
PARDO, JANET 2,946,874
PARK, JUN-SUNG 2,946,701
PARK, MIN-JUNG 2,946,516
PARK, SEONG-HYEOK 2,946,516
PARK, SUNG-HWAN 2,946,516
PARKER, BRECK 2,946,737
PARRY, DAVID WALTER 2,944,563
PARSONS, ROGER L. 2,944,879
PARTON, RUDY FRANCOIS MARIA JOZEF 2,944,955

PARVULESCU, ANDREI-NICOLAE 2,945,062
PATEL, BIPINKUMAR 2,946,599
PATNODE, GREGG A. 2,944,666
PATRONE, FRANCO 2,944,088
PATTEN, PHILLIP A. 2,947,032
PATTERSON, FRANK 2,946,856
PAYNE, JOSEPH E. 2,946,719
PEACOCK, BRUCE 2,947,149
PEARCE, CODY A. 2,946,601
PEESS, CARMEN 2,944,895
PEESS, CARMEN 2,945,066
PEITERSEN, NATHAN D. 2,947,017
PELLAN, JEAN-PHILIPPE 2,946,986
PERERA, TIMOTHY PIETRO SUREN 2,943,682
PERERA, TIMOTHY PIETRO SUREN 2,943,687
PERETTI, MICHAEL W. 2,945,109
PEREZ DE LA HOZ, SANTIAGO 2,946,672
PEREZ, EDITH A. 2,946,542
PEREZ, EMILE 2,943,614
PEROTTI, ALBERTO GIUSEPPE 2,944,066
PERRIN, ALEXA 2,946,076
PERROW, WENDY 2,947,149
PERVAN, DARKO 2,946,997
PETERFFY, THOMAS PECHY 2,947,152
PETERLONGO, FEDERICO 2,943,699
PETERS, LARS 2,946,737
PETERSEN, JASON PHARIS 2,946,524
PETERSON, DEVIN GRANT 2,946,575
PETIT, LAURENT 2,944,073
PETIT, PIERRE-OLIVIER 2,944,338
PETIT, ROBERT 2,946,716
PETITON, VALERY 2,945,024
PETOLINO, JOSEPH F. 2,946,987
PETORAL, RODRIGO, JR. 2,943,852
PETROLEUM TECHNOLOGY COMPANY AS 2,946,225
PFIZER INC. 2,947,148
PFLIEGER, PHILIPPE 2,943,575
PHARMADIAGNOSTICS NV 2,946,659
PHARMAQUEST INTERNATIONAL CENTER, LLC 2,944,900
PHILIBERT, ROBERT 2,947,128
PHILIP MORRIS PRODUCTS S.A. 2,943,746
PHILIP MORRIS PRODUCTS S.A. 2,944,965
PHILLIPS, CHRISTOPHER 2,946,568
PIETERS, FRANK 2,944,282
PILPEL, YAIR 2,943,928
PIONEER HI-BRED INTERNATIONAL, INC. 2,947,032
PITTELLA SILVA, FABIO 2,946,609
PIZZINI, DANILO 2,943,706
PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H. 2,944,063
PLATT POU, LUIS ALEJANDRO 2,947,020
PLOGSTIES, JAN 2,943,570
POETE, STEPHANE 2,945,642
POINT OF CARE DIAGNOSTICS, LLC 2,946,721
POIROT, MARC 2,943,614
POLAT, OSMAN 2,943,847
POPOV, ANDREY YEVGENYEVICH 2,944,142
POPOVIC, BRANISLAV 2,944,066
POSNER, MARSHALL 2,946,534
POTOKY, LAUREN 2,944,444
POUBLANC, JULIAN 2,946,619
POULSEN, NIKOLAI 2,945,344
POVERLEIN, CHRISTOPH 2,943,864
POWALA, CHRISTOPHER 2,946,568
POWELS, GREG 2,947,161
POWLES, LINDSAY 2,946,896
PPG INDUSTRIES OHIO, INC. 2,944,394
PPG INDUSTRIES OHIO, INC. 2,944,749
PRACHAR, MICHAEL 2,943,592
PRAVONG, BOUN 2,945,344
PRAXAIR TECHNOLOGY, INC. 2,944,071
PREFERRED TECHNOLOGY, LLC 2,946,580
PRENEXUS HEALTH LLC 2,946,455
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,946,727
PRIVITERA, SALVATORE 2,945,124
PROIONIC GMBH 2,943,716
PU, WEI 2,945,036
PU, WEI 2,945,039
PU, WEI 2,945,042
PU, WEI 2,945,534
PU, XIANGHAI 2,946,912
PYOTSIA, JOUNI 2,947,117
Q-STATE BIOSCIENCES, INC. 2,946,514
QIAN, CHEN 2,946,853
QIAO, DELI 2,947,184
QIU, JING 2,946,772
QIU, PENGXIN 2,946,647
QUALCOMM INCORPORATED 2,944,350
QUALCOMM INCORPORATED 2,944,908
QUALCOMM INCORPORATED 2,945,036
QUALCOMM INCORPORATED 2,945,039
QUALCOMM INCORPORATED 2,945,042
QUALCOMM INCORPORATED 2,945,173
QUALCOMM INCORPORATED 2,945,190
QUALCOMM INCORPORATED 2,945,197
QUALCOMM INCORPORATED 2,945,518
QUALCOMM INCORPORATED 2,945,520
QUALCOMM INCORPORATED 2,945,534
QUANTUM VORTEX, INC. 2,946,718
QUENTIN, PIERRE 2,946,143
QUEST DIAGNOSTICS INVESTMENTS INCORPORATED 2,947,015
QUINTANA SERRAHIMA, MARIO 2,947,018
RADHAKRISHNAN, BALASINGAM 2,946,832
RADIXKHEM, LLC 2,947,155
RADLER, MICHAEL 2,946,955
RAMESH, AVINASH 2,946,764
RANJAN, PRIYESH 2,947,101
RANKIN, BRETT GARDINER 2,946,904
RAO, SHASHA 2,946,638
RAO, XERXES 2,944,282
RAPAKA, KRISHNAKANTH 2,945,036
RAPAKA, KRISHNAKANTH 2,945,039
RAPAKA, KRISHNAKANTH 2,945,042
RAPID MICRO BIOSYSTEMS, INC. 2,946,758
RATASUK, RAPEEPAT 2,947,077
RATCLIFFE, ANDREW 2,943,896
RATCLIFFE, PAUL 2,946,618
RATCLIFFE, PAUL 2,946,620
RATEICZAK, MITJA 2,944,365
RAVAGNI, ALBERTO 2,946,939
RAYTHEON COMPANY 2,946,526
REBEIZ, ERIC PIERRE 2,945,197
REDDY, RAJA 2,947,041
REDX PHARMA PLC 2,943,896
REED, ALEX CHRISTOPHER 2,947,019
REGE, NETRESH U. 2,947,142
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,944,199
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,946,575
REGEV-SHOSHANI, GILLY 2,946,828
REGISMOND, SUDARSHI TANUJA ANGELIQUE 2,944,809
REGISMOND, SUDARSHI TANUJA ANGELIQUE 2,944,823
REICH, CARY 2,944,010
REIMER, VIKTOR 2,944,390
REINEKE, KARL E. 2,946,756
REMONDIS AQUA GMBH & CO. KG 2,947,190
REMPEX PHARMACEUTICALS, INC. 2,947,041
REPYEVSKY, VLADIMIR VIKTOROVICH 2,944,142
RESET THERAPEUTICS, INC. 2,944,074
RESTAURANT TECHNOLOGY, INC. 2,946,866
RESZKA, ALEKSANDER ARIE 2,944,809
RESZKA, ALEKSANDER ARIE 2,944,823
REUL, BERNHARD 2,944,365
REY, DIEGO 2,946,752
REYES RIBERA, SANDRA 2,946,851
REYES, GLENNYS JOHANNY DE JESUS 2,947,023
REYMANN, STEFFEN 2,947,164
REYNAUD, EMERIC 2,943,598
REYNIER, PHILIPPE 2,944,073
REYNOLDS, MICHAEL 2,946,732
REZNIK, GABRIEL OSCAR 2,946,679
RHEINISCH-WESTFALISCHE TECHNISCHE HOCHSCHULE (RWTH) AACHEN 2,944,390
RHINEHART, EDWARD J. 2,946,838
RIBOMIC INC. 2,946,709

RICE, CORBEN C. 2,943,867
RICHARDSON, BRUCE J. 2,946,752
RICO -LATTES, ISABELLE 2,943,614
RICOH COMPANY, LIMITED 2,946,996
RICOH COMPANY, LIMITED 2,947,133
RIGOTTIER-GOIS, LIONEL 2,945,430
RILEY, CHRISTOPHER CAMPBELL 2,943,845
RIMASSA, SHAWN 2,944,676
RIMER, DOUGLAS G. 2,946,872
RIMSCIENCE CO., LTD. 2,946,991
RINK, CHRISTIAN 2,943,659
RITTAL GMBH & CO. KG 2,944,371
RITTER, KURT 2,943,864
RIVIER, MICHEL 2,944,073
RIZVI, NAIYER A. 2,946,906
ROBBINS, STANLEY D. 2,947,146
ROBERTS, BRIAN 2,944,139
ROBERTS, DAVE 2,945,601
ROBERTS, DAVID E. 2,946,693
ROBERTS, THOMAS JOHN 2,945,124
ROBILLIARD, JULIEN 2,943,570
ROBINS, IAN 2,946,448
ROBINSON, NICHOLAS J. 2,946,579
ROBINSON, ROBERT 2,946,909
ROCH, EVELYNE 2,947,183
ROCHE, OLIVIER CHRISTOPHE 2,947,147
RODINGER, TOMAS 2,946,769
RODNY, OLGA 2,947,041
ROER, JOCHEN 2,945,653
ROGERS, DYLAN 2,946,907
ROGUES, JULIEN 2,944,260
RONG, LU 2,946,774
ROOD, JULIA E. 2,946,511
ROSEMOUNT INC. 2,944,142
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,947,106
ROSENTHAL, DANIEL 2,944,371
ROSSI, MAURIZIO 2,946,255
ROSSNER, HOLGER-CLAUS 2,944,313
ROTEM, AVI 2,946,969
ROTHBERG, JONATHAN M. 2,944,075
ROY, CEDRIC 2,944,257
ROY, POULAMI SENGUPTA 2,944,960
ROY, SHAUNAK 2,946,752
RUAN, DONG 2,945,526
RUAN, KE-HE 2,946,741
RUBAUD, MARC-ANTOINE 2,946,842
RUBIN-BEJERANO, IFAT 2,946,679
RUOPPILA, VESA 2,946,824
RUPP, MICHAEL D. 2,946,601
RYU, BYOUNG 2,946,585
RYU, KEUN-HO 2,946,701
SABNIS, MANISHA PRAVIN 2,943,903
SACHS, ADAM 2,946,595
SAED, ARYAN 2,946,621
SAED, ARYAN 2,946,622
SAFRAN HELICOPTER ENGINES 2,943,618
SAFRAN HELICOPTER ENGINES 2,944,336
SAINT-GOBAIN GLASS FRANCE 2,944,338
SAINT-GOBAIN GLASS FRANCE 2,944,365
SAINT-GOBAIN GLASS FRANCE 2,946,960
SAJET, PHILIPPE 2,944,391
SAM, KEVIN 2,946,619
SAMSUNG ELECTRONICS CO., LTD. 2,944,355
SAMUEL, JAYAKUMAR PON 2,946,987
SAMUEL, ROBELLO 2,946,836
SANCHES, MARIO 2,946,503
SANCHEZ, GLORYMAR IBANEZ 2,946,609
SANDOZ AG 2,943,574
SANGAMO BIOSCIENCES, INC. 2,947,035
SANOCULIS LTD. 2,943,722
SANOFI 2,943,864
SAPRA, PUJA 2,947,148
SARASWAT, NEERJA 2,943,824
SAREYKA, BRETT WAYNE 2,946,753
SARKAR, SIULI 2,944,960
SARRADIN, JEAN-LOUIS 2,946,145
SATO, MASASHI 2,947,132
SATTERFIELD, ANDREW DUNCAN 2,947,032
SAVARI, SHARATH 2,947,140
SAVILLE, BRADLEY A. 2,946,455
SAWIN, PHILIP ANDREW 2,945,510
SCARIA, ABRAHAM 2,946,593
SCHACHTL, MARTIN 2,943,663
SCHARLACK, RON 2,946,877
SCHECHTER, IAN 2,946,118
SCHEER, JUSTIN M. 2,944,712
SCHER, ERIK 2,946,599
SCHERLE, PEGGY A. 2,945,151
SCHIEGL, WALTER 2,944,698
SCHIEMANN, KAI 2,943,659
SCHIFFMILLER, WILLIAM 2,947,018
SCHILLING, JOHN CREIGHTON 2,944,563
SCHINAZI, RAYMOND F. 2,946,867
SCHLUMBERGER CANADA LIMITED 2,946,764
SCHLUMBERGER CANADA LIMITED 2,946,851
SCHLUMBERGER CANADA LIMITED 2,946,995
SCHLUMBERGER CANADA LIMITED 2,947,156
SCHMALBUCH, KLAUS 2,944,365
SCHMIDT, BURGHARDT 2,943,716
SCHMIDTKE, JAKUB 2,946,909
SCHNEIDER, BJORN 2,944,365
SCHONHABER, DIETER 2,943,663
SCHRAEML, MICHAEL 2,944,895
SCHRAEML, MICHAEL 2,945,066
SCHROOTEN, AXEL 2,945,560
SCHUELE, GEORG 2,943,632
SCHUELE, GEORG 2,943,807
SCHUHMACHER, BERND 2,945,560
SCHULZE, THOMAS 2,944,527
SCHUMACHER, ROLAND 2,945,549
SCHUSSER, UDO 2,944,249
SCHWAB, MARTIN 2,947,106
SCHWEDOCK, JULIE 2,946,758
SCHWEINERT, NIKOLAUS 2,943,862
SCHWENDEMAN, IRINA G. 2,944,394
SCHWENDEMAN, IRINA G. 2,944,749
SCHWENDEMAN, JOHN E. 2,944,394
SCHWERDT, CHRISTIAN 2,945,560
SCHWINK, LOTHAR 2,943,864
SCIENTIFIC GAMES HOLDINGS LIMITED 2,946,096
SCOTT, IAN RICHARD 2,946,974
SEACHAID PHARMACEUTICALS, INC. 2,946,832
SEARCH OPTICS, LLC 2,947,020
SECUREBRAIN CORPORATION 2,946,695
SEEFELDT, PATRIC 2,944,390
SELANTAUS, MAARIA 2,943,850
SEREGIN, VADIM 2,945,036
SEREGIN, VADIM 2,945,039
SEREGIN, VADIM 2,945,042
SEREGIN, VADIM 2,945,534
SERGHINE, CAMEL 2,943,618
SERROR, PASCALE 2,945,430
SESHAGIRI, SOMASEKAR 2,944,717
SETNA, ROHAN P 2,944,960
SFM MEDICAL DEVICES GMBH 2,943,581
SHAFFER, DANIEL 2,946,737
SHAKLEE CORPORATION 2,946,612
SHAN, GUOMIN 2,946,848
SHANLER, STUART D. 2,946,568
SHARA, KATE 2,946,758
SHARP FLUIDICS LLC 2,946,872
SHAUL, DAVID 2,946,505
SHEEHAN, ALEXANDER 2,945,344
SHEEHY, KATRINA B. 2,943,807
SHEFFER, ALLA 2,947,179
SHEN, HONG 2,943,575
SHEN, YE 2,943,834
SHET, VINOD MANOHAR 2,946,571
SHEVGOOR, SIDDARTH K. 2,946,699
SHIBATA, YOKO 2,946,669
SHIMIZU, KAZUO 2,946,523
SHIN, DONG-YUN 2,946,516
SHIN, DONGCHUL 2,946,701
SHIN, HO CHUL 2,946,701
SHMUKLER, VADIM 2,943,722
SHUKLA, SONI 2,946,752
SIEDLECKI, JAMES MICHAEL 2,946,679
SIEHL, DANIEL 2,947,032
SIEMENS, ANDREAS 2,946,921
SIERRO, NICOLAS 2,944,965
SIGGEL, LORENZ 2,945,062
SIKORSKI, ROBERT 2,946,906
SILURIA TECHNOLOGIES, INC. 2,946,599
SILVENTE-POIROT, SANDRINE 2,943,614
SIMON, SARAH 2,947,029
SIMONEAU, MICHAEL 2,943,632

SIMPSON STRONG-TIE COMPANY, INC. 2,945,494
SIMPSON, MATTHEW A. 2,946,987
SINGER, DEBRA L. 2,944,749
SINGH, GIRIJ PAL 2,944,116
SINGH, KARAN 2,947,179
SK CHEMICALS CO., LTD. 2,946,701
SKELLHAM, JONATHAN JAY 2,946,571
SKOGEN, BJORN RAGNAR 2,943,857
SKOMSKI, JEFFREY N. 2,947,142
SLAWSON, MICHAEL 2,946,696
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH 2,946,609
SMEE, JOHN EDWARD 2,945,518
SMEE, JOHN EDWARD 2,945,520
SMETS, PATRIK 2,945,601
SMIAROWSKI, ADAM 2,946,688
SMITH, ADRIAN 2,946,525
SMITH, GAVIN 2,947,164
SMITH, JASON DWAYNE 2,946,725
SNIJDER, HARM JAN 2,946,669
SNOWDON, DAVID 2,946,896
SOBCZYK, OLIVIA 2,946,619
SOFAR SPA 2,944,118
SOFTBANK ROBOTICS EUROPE 2,945,885
SOFTBANK ROBOTICS EUROPE 2,945,896
SOLDATI, PABLO 2,944,066
SOLE ROJALS, JOEL 2,945,036
SOLE ROJALS, JOEL 2,945,039
SOLE ROJALS, JOEL 2,945,042
SOLE ROJALS, JOEL 2,945,534
SON, BYOUNG HWA 2,946,834
SON, DAE-UP 2,946,998
SON, HYE-JIN 2,946,516
SONG, DECHEN 2,946,638
SONOMACEUTICALS, LLC 2,946,558
SORIAGA, JOSEPH BINAMIRA 2,945,518
SORIAGA, JOSEPH BINAMIRA 2,945,520
SORKIN, FELIX 2,946,528
SORKIN, FELIX 2,946,531
SORKIN, FELIX 2,946,583
SORKIN, FELIX 2,946,605
SOTNIKOV, MIKHAIL 2,946,623
SPAGO NANOMEDICAL AB 2,943,852
SPECIALITES PET FOOD 2,944,260
SPELBRINK, ROBIN ERIC JACOBUS 2,944,398
SPOHN, MICHAEL A. 2,946,838
SPRETER VON KREUDENSTEIN, THOMAS 2,946,503
SPRUE SAFETY PRODUCTS LTD. 2,946,448
SR SYSTEMS, LLC 2,947,040
SRIDHAR, GARUD BINDIGANAVALE 2,946,764
SRIDHARAN, SUDHARSAN 2,946,669
ST. JUDE MEDICAL SYSTEMS AB 2,944,114
STABILITECH LTD 2,945,201
STAHL, PETER SEBASTIAN 2,945,607
STAMM, BRYAN 2,946,995
STANEK, LISA M. 2,946,593
STANSSENS, DIRK ARMAND WIM 2,945,200
STARR, LARRY 2,946,696
STAWISKI, ERIC 2,944,717
STEARNS, DONALD E. 2,945,806
STEFANI, JOSEPH PAUL 2,946,711
STEINHAGEN, HENNING 2,946,618
STEINHAGEN, HENNING 2,946,620
STEINO, ANNE 2,946,538
STENZLER, ALEX 2,946,828
STETSENKO, DENNIS 2,947,152
STETSON, JOHN B., JR. 2,947,029
STEWART, GORDON 2,946,574
STIEBER, FRANK 2,943,659
STOKES, NEIL 2,943,896
STORA ENSO OYJ 2,946,494
STORZUM, UWE 2,945,203
STRANGE, TONYA L. 2,946,987
STRAUCH, JEREMY T. 2,944,879
STRONG, LARS 2,946,755
STUGE, TOR BRYNJAR 2,943,857
STURGIS, ERICH 2,946,534
SUBACCHI, CLAUDIO 2,945,349
SUBACCHI, CLAUDIO 2,945,410
SUGDON, MATTHEW CHARLES 2,943,592
SULA, MARTIN 2,944,368
SULLIVAN, JENNIFER 2,946,593
SUMITOMO ELECTRIC INDUSTRIES, LTD. 2,947,129
SUMNICHT, DANIEL W. 2,944,527
SUN, GUOBIN 2,944,545
SUN, LIGE 2,946,573
SUN, MINGCONG 2,946,648
SUN, YONG 2,946,851
SUNG, JI HYUN 2,946,834
SUNTORY HOLDINGS LIMITED 2,946,825
SURYS 2,945,024
SUZUKI, HIKARU 2,946,523
SWANSON, STEVEN P. 2,946,745
SWARUP, SHANTI 2,944,394
SWATTON, CLIVE 2,945,164
SYNGENTA PARTICIPATIONS AG 2,945,200
TABB, MICHELLE 2,947,015
TABIRIAN, ANNA 2,946,693
TABIRIAN, NELSON V. 2,946,693
TACHIKAWA, KIYOSHI 2,946,719
TAIHO PHARMACEUTICAL CO., LTD. 2,946,833
TAKASAGO INTERNATIONAL CORPORATION 2,946,705
TAKEDA, YASUSHI 2,947,138
TAKEUCHI, MANABU 2,947,135
TAMPLENIZZA, MARGHERITA 2,944,841
TANAHASHI, TAKUYA 2,946,541
TANAHASHI, TAKUYA 2,946,548
TANAKA, HIDEYUKI 2,947,129
TANDRA, RAHUL 2,945,197
TANG, BING-YU 2,943,792
TANG, JUMING 2,947,053
TANG, YING 2,945,157
TANG, ZILONG 2,946,853
TAO, YUMIN 2,947,032
TAPATA, NEELIMA 2,945,494
TAPI S.P.A. 2,943,585
TARORA, MASAFUMI 2,947,135
TARRELL, EV 2,946,610
TAYLOR, BRUCE F. 2,946,730
TAYLOR, OLIVER PAUL 2,947,100
TEERTSTRA, STEVEN JOHN 2,947,046
TEERTSTRA, STEVEN JOHN 2,947,051
TEERTSTRA, STEVEN JOHN 2,947,073
TEERTSTRA, STEVEN JOHN 2,947,075
TEERTSTRA, STEVEN JOHN 2,947,076
TEISSEYRE, THOMAS Z. 2,943,807
TEL HASHOMER MEDICAL RESEARCH INFRASTRUCTURE AND SERVICES LTD. 2,943,722
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,946,965
TENDYRON CORPORATION 2,946,914
TENSIVE SRL 2,944,841
TESAR, DEVIN 2,944,712
TESSMER, ALEXANDER WILLIAM 2,944,354
TETRA LAVAL HOLDINGS & FINANCE S.A. 2,944,882
TETRAHEDRON 2,944,126
TEXAS HEART INSTITUTE 2,946,741
TEXAS HEART INSTITUTE 2,946,747
THE CATHOLIC UNIVERSITY OF KOREA INDUSTRY-ACADEMIC COOPERATION FOUNDATION 2,946,516
THE CHILDEN'S HOSPITAL OF PHILADELPHIA 2,946,511
THE CHILDREN'S MEDICAL CENTER CORPORATION 2,944,030
THE COCA-COLA COMPANY 2,946,696
THE COCA-COLA COMPANY 2,946,875
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 2,947,179
THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC. 2,946,720
THE LUBRIZOL CORPORATION 2,944,879
THE PROCTER & GAMBLE COMPANY 2,943,847
THE PROCTER & GAMBLE COMPANY 2,943,961
THE PROCTER & GAMBLE COMPANY 2,943,990
THE PROCTER & GAMBLE COMPANY 2,944,027
THE PROCTER & GAMBLE COMPANY 2,944,046

THE PROCTER & GAMBLE COMPANY 2,945,510
THE PROCTER & GAMBLE COMPANY 2,945,526
THE PROCTER & GAMBLE COMPANY 2,945,660
THE QUEEN'S UNIVERSITY OF BELFAST 2,943,878
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,946,742
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,947,024
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,947,025
THE REGENTS OF THE UNIVERSITY OF MICHIGAN 2,946,604
THE UNIVERSITY OF BRITISH COLUMIBA 2,947,179
THIRIET, ROMAIN 2,943,618
THOMAS, CHARLES 2,946,896
THOMAS, JACOB 2,947,153
THOMAS, JACOB 2,947,154
THOMAS, JEFFREY G. 2,946,839
THOMAS, JEFFREY G. 2,947,144
THOMPSON, E. AUBREY 2,946,542
THOMSON, NIALL RAE 2,945,200
THUAU, GUILLAUME 2,946,842
THYPARAMBIL, SHEENO 2,946,895
THYSSENKRUPP AG 2,945,560
THYSSENKRUPP ELEVATOR AG 2,946,075
THYSSENKRUPP STEEL EUROPE AG 2,945,560
TIAN, BIN 2,945,197
TILLER, HEIDI 2,943,857
TILLSTER, INC. 2,947,131
TIRE PROFILES MOBILITY, LLC 2,944,732
TOCCHIO, ALESSANDRO 2,944,841
TODA KOGYO CORP. 2,947,003
TOLLET, VINCENT 2,945,024
TOLTEQ GROUP, LLC 2,947,153
TOLTEQ GROUP, LLC 2,947,154
TOM-YEW, STACEY A. L. 2,946,503
TOMIMATSU, TAKASHI 2,946,518
TORAY INDUSTRIES, INC. 2,946,527
TOTROV, MAXIM 2,947,041
TOULSON, EDWIN ROBERT 2,946,520
TOYO SEIKAN GROUP HOLDINGS, LTD. 2,946,822
TRACY, GREGORY D. 2,946,526
TRACY, ROGER H. 2,944,732
TRAUNER, KENNETH B. 2,946,872
TRITONWEAR INC. 2,946,902
TROCKI, MARK 2,946,838
TRUMBO, DAVID 2,946,714
TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,946,511
TSANG, KWOK YIN 2,943,733
TSE, WILLIAM 2,943,587
TSUDA, SHINYA 2,946,983
TSUNO, NOBUYASU 2,946,513
TUCKER, BARRY L. 2,946,838
TURNER, RONALD 2,946,721
TURNER, STEPHEN B. 2,945,760
TURON, MARTIN A. 2,945,360
TYE-DIN, JASON A. 2,946,864
UBER, ARTHUR E., III 2,946,838
UEDA, MASAHARU 2,946,541
UEDA, MASAHARU 2,946,548
UENO, YASUNORI 2,946,523
UENO, YOSHIYUKI 2,946,527
UHLMANN, DONALD R. 2,946,586
ULM, ARTHUR JOHN, III 2,947,201
UNILEVER PLC 2,944,809
UNILEVER PLC 2,944,823
UNIVERSITA DEGLI STUDI DI GENOVA 2,944,088
UNIVERSITA' DEGLI STUDI DI MILANO 2,944,600
UNIVERSITE PAUL SABATIER - TOULOUSE III 2,943,614
UNIVERSITETET I TROMSO - NORGES ARKTISKE UNIVERSITET 2,943,857
UNIVERSITY HOSPITAL OF NORTH NORWAY 2,943,857
UNIVERSITY OF HAWAII 2,946,892
UNTCH, BRIAN R. 2,946,759
UNTERER, BORIS 2,946,955
UOSIS-MARTIN, MARIO 2,943,896
UPONOR INNOVATION AB 2,945,412
UPSITE TECHNOLOGIES, INC. 2,946,755
URAM, MARTIN J. 2,946,838
URBAN, JOSEPH ANTHONY, JR. 2,945,124
UROSEV, DUNJA 2,946,503
USUI, KENJI 2,946,702
UTSUKI, KEN 2,946,515
VAIDYA, ANURADHA 2,946,832
VALINGE INNOVATION AB 2,946,997
VALVOLINE LICENSING AND INTELLECTUAL PROPERTY, LLC 2,944,785
VAN DE BROEK, BIEKE 2,946,659
VAN HYLCKAMA VLIEG, JOHAN 2,945,430
VAN LOOKEREN-CAMPAGNE, MENNO 2,944,712
VAN TILBURG, RUBEN ALEXANDER 2,944,321
VAN TILBURG, RUBEN ALEXANDER 2,944,843
VAN TILBURG, RUBEN ALEXANDER 2,944,991
VAN VELDHUISEN, BRENDA 2,944,016
VANDERSLICE, PETER 2,946,741
VANTTILA, OLLI-PEKKA 2,947,096
VASAN, NILESH R. 2,945,536
VEINO, CLINT 2,946,755
VELING, NICO 2,944,970
VELING, NICO 2,944,972
VELTROP, TAYLOR 2,945,885
VELTROP, TAYLOR 2,945,896
VENUGOPAL, PRADEEP BANGALORE 2,946,571
VERCAUTEREN, RONNY LEONTINA MARCEL 2,944,026
VERMANI, SAMEER 2,945,197
VERMEULEN, WIM 2,943,683
VESTAL, MARIA 2,947,015
VESZELEI, EUGEN 2,944,114
VICARIOUS SURGICAL INC. 2,946,595
VIRDIA, INC. 2,946,927
VISSMAN, SHANNON 2,946,898
VISUAL PHYSICS, LLC 2,943,987
VIVINT, INC. 2,946,891
VIVINT, INC. 2,946,910
VO, LOAN K. 2,946,847
VOGEL, SOMMER 2,946,758
VOGLEWEDE, DANIEL BRENDAN 2,947,144
VOLLMANN, MARKUS 2,944,249
W. L. GORE & ASSOCIATES, INC. 2,945,185
WAALBOER, DENNIS 2,943,659
WACHLI, SERENE 2,945,344
WAKE FOREST UNIVERSITY HEALTH SCIENCES 2,946,761
WAKELING, TIM 2,946,118
WALCHECK, BRUCE KENNETH 2,944,199
WALLACE, WILLIAM DEAN 2,947,016
WALLECHA, ANU 2,946,716
WALLSTROEM, ERIK 2,943,598
WALSH, KEVIN 2,943,834
WALTERS, HAROLD GRAYSON 2,947,101
WALTERS, KRISTOPHER J., JR. 2,947,142
WALTERS, MARC A. 2,947,142
WALWORTH, VAN T. 2,947,040
WANG, CHIH-WEI 2,946,667
WANG, GAOYANG 2,945,526
WANG, JUN 2,946,777
WANG, JUN 2,947,095
WANG, LEI 2,947,184
WANG, LI 2,943,733
WANG, LI-PING 2,944,908
WANG, LIMIN 2,943,647
WANG, PING 2,945,526
WANG, QINGHUA 2,946,835
WANG, RUOYA 2,946,696
WANG, SHIBO 2,947,186
WANG, SHIBO 2,947,189
WANG, XUEYAN 2,944,139
WANG, ZONGJIE 2,946,636
WARFIELD, ANDREW 2,947,158
WARNER, WILLIAM DEAN 2,946,621
WARREN, JEREMY B. 2,946,891
WARREN, JEREMY B. 2,946,910
WARSCHAUSKY, SETH 2,946,604
WASHINGTON STATE UNIVERSITY 2,947,053
WATSON, JESSICA 2,947,046
WATSON, JESSICA 2,947,054
WATSON, JESSICA LEE 2,947,051

WATSON, JESSICA LEE 2,947,072
WATSON, JESSICA LEE 2,947,073
WATSON, MICHAEL STEVEN 2,943,592
WAVE GUARD TECHNOLOGIES LTD. 2,946,505
WEATHERFORD TECHNOLOGY HOLDINGS, LLC 2,943,867
WEBER, RALF MARTIN 2,944,350
WEI, YONGBIN 2,945,173
WEINER, ADAM MICHAEL 2,946,573
WEINREB, ROBERT N. 2,947,025
WERTH, ANJA 2,943,847
WERTH, ANJA 2,943,961
WERTH, ANJA 2,943,990
WERTH, ANJA 2,944,046
WHEELER, JASPER E. 2,946,725
WIENHUES-THELEN, URSULA-HENRIKE 2,943,662
WILLIAMS, ALEX 2,947,161
WILLIAMS, DAVID JOHN ROACH 2,947,100
WILLIAMS, DAVID M. 2,945,185
WILLIAMS, JAMES K. 2,946,761
WILLIAMS, WENDY A. 2,946,669
WILLMAN, JOANNE ROBERTA 2,945,510
WILMERDING COMMUNICATIONS LLC 2,946,909
WINTERFIELD, ROLAND W. 2,944,004
WINTERSHALL HOLDING GMBH 2,945,062
WINTZ, TREVOR 2,945,365
WIRES, JACOB TAYLOR 2,947,158
WITMER, JARED 2,945,164
WIXEY, MATTHEW 2,945,344
WOBBEN PROPERTIES GMBH 2,945,653
WODLINGER, BRIAN C. 2,946,691
WOLLRATH, ANN M. 2,946,118
WONG, JENNY 2,946,870
WONG, JENNY 2,946,874
WONG, JENNY 2,946,878
WONG, TSE E. 2,946,526
WOO, RAYMOND 2,943,807
WOO-KIM, CHONG WON JESSICA 2,946,870
WOO-KIM, CHONG WON JESSICA 2,946,874
WOO-KIM, CHONG WON JESSICA 2,946,878
WOOD, MICHAEL C. 2,946,576
WOODLEY, BRUCE 2,943,807
WOOLDRIDGE, GLEN A. 2,946,524
WORTHINGTON ARMSTRONG VENTURE 2,946,753
WRIGHT, MARK NICHOLAS 2,944,354
WU, AN 2,946,912
WU, FEI 2,944,545
WU, HAITAO 2,946,545
WU, HUIFANG 2,946,636
WU, JIANMING 2,944,199
WU, YE 2,947,184
WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD. 2,946,638
WYRSTA, MICHAEL 2,946,746
WYRSTA, MICHAEL 2,946,884
WYVILLE, MARK WILLIAM 2,946,965
XIE, YONG 2,946,774
XING, BAOQUAN 2,947,186
XING, BAOQUAN 2,947,189
XIONG, LOH CHER 2,944,969
XPERIEL, INC. 2,945,936
XU, BAOXUAN 2,947,179
XU, HAO 2,945,173
XU, JIANGHUAI 2,945,157
XU, QUNLI 2,943,808
YAAKOBY, SHAUL 2,946,504
YADAN, JEAN-CLAUDE 2,944,126
YAMADA, MANABU 2,947,135
YAMAHA MOTOR POWER PRODUCTS KABUSHIKI KAISHA 2,946,983
YAMAHA MOTOR POWER PRODUCTS KABUSHIKI KAISHA 2,947,009
YAMAMURA, MOTOAKI 2,946,695
YAMAMURA, TAKAHIRO 2,946,518
YAMAMURA, TAKAYUKI 2,947,003
YAMANAKA, KOJI 2,946,706
YAN, CHRISTIAN 2,946,769
YAN, GUANGMEI 2,946,647
YANG, CHUL- WOO 2,946,516
YANG, LI 2,946,609
YANG, LIANG 2,945,526
YANG, LINNA 2,946,777
YANG, LINNA 2,947,095
YANG, YING 2,944,785
YE, JING 2,946,779
YEAZEL, BRIAN 2,946,553
YEE, VICTOR H. 2,946,752
YIN, HAIQING 2,943,733
YIN, WEI 2,946,647
YING, WENBIN 2,943,733
YOAKIM, ALFRED 2,946,084
YOON, SANG JIN 2,946,991
YOSHIMI, NAOHISA 2,944,027
YOSHIMURA, CHIHOKO 2,946,833
YOSHINO KOGYOSHO CO., LTD. 2,946,512
YOUNG, WAYNE 2,945,344
YU, YUE 2,943,647
YUAN, LIHUA 2,946,545
ZANON, MARIO 2,946,448
ZANON, STEFAN 2,946,767
ZAUGG, CHRISTIAN 2,943,662
ZENG, GUANGZHU 2,946,630
ZENG, HANSONG 2,946,877
ZHANG, BO 2,946,648
ZHANG, CHANGLI 2,947,186
ZHANG, CHANGLI 2,947,189
ZHANG, H. STEVE 2,947,035
ZHANG, JINGXIA 2,946,647
ZHANG, KAI 2,946,779
ZHANG, LEI 2,947,186
ZHANG, LEI 2,947,189
ZHANG, LINGYU 2,946,648
ZHANG, NA 2,944,717
ZHANG, RUI 2,943,824
ZHANG, XIAOFAN 2,946,777
ZHANG, XIAOFAN 2,947,095
ZHANG, XIUPING 2,944,529
ZHANG, YANJI 2,947,077
ZHANG, YONGGUANG 2,946,545
ZHANG, ZHIBO 2,943,792
ZHANG, ZHIHUI 2,946,777
ZHANG, ZHIHUI 2,947,095
ZHAO, HANXIN 2,945,480
ZHAO, HUI 2,944,545
ZHAO, MING 2,946,627
ZHENG, SHENKE 2,946,638
ZHENG, YICHEN 2,944,545
ZHERDEV, YURI 2,943,928
ZHOU, FEILONG 2,900,827
ZHOU, JUNLING 2,947,186
ZHOU, JUNLING 2,947,189
ZHOU, LEI 2,946,741
ZHOU, SHAOMAN 2,946,867
ZHOU, XIAOWEI 2,900,827
ZHOU, XIN 2,947,186
ZHOU, XIN 2,947,189
ZHOU, YING 2,944,908
ZHU, JING 2,943,834
ZHU, WENBO 2,946,647
ZHUO, LEI 2,946,711
ZICARI, JAMES 2,944,444
ZIEGLER, ANDRE 2,943,662
ZIMERMAN, BARUCH 2,946,969
ZIMMERMAN, STEVE 2,947,040
ZINOVIK, IHAR NIKOLAEVICH 2,943,746
ZODIAC AEROTECHNICS 2,946,687
ZOLLER, PATRICK W. 2,947,142
ZUBAIR, SYED M. 2,946,573
ZUBAIR, SYED M. 2,946,577
ZUBER, GERARD 2,943,746
ZUTA, CHARLES PRINCE 2,946,754
ZVERCOV, VLADISLAV 2,946,140
ZVIELY, MICHAEL 2,946,927
ZYMEWORKS INC. 2,946,503

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

1311854 ONTARIO LIMITED 2,889,565
1682796 ONTARIO INC., DBA TRUE COOL TECHNOLOGY ENTERPRISE 2,928,266
ABEN, JEAN-PAUL 2,926,958
ABUKAR, TASNIM 2,926,279
ABUKAR, TASNIM 2,926,283
AC (MACAO COMMERCIAL OFFSHORE) LIMITED 2,927,983
ACCENTURE GLOBAL SERVICES LIMITED 2,921,033
ACCENTURE GLOBAL SERVICES LIMITED 2,927,700
ACH FOOD COMPANIES, INC. 2,946,569
ACHARYA, NARESH 2,927,520
ACORDA THERAPEUTICS, INC. 2,946,445
AEPONYX INC. 2,946,364
AGARWAL, SHIV 2,928,057
AGIOS PHARMACEUTICALS, INC. 2,944,788
AIR PRODUCTS AND CHEMICALS, INC. 2,927,347
AMERIGE, BRIAN D. 2,946,879
AMUNDSON, KARL RAYMOND 2,946,099
ANDRIEU, DANIEL 2,928,165
ANTLE, RYAN 2,889,586
APPLING, ANTHONY 2,925,669
APREA, MATTHEW J. 2,946,099
ARMY, DONALD E., JR. 2,928,047
ARMY, DONALD E., JR. 2,928,048
ARMY, DONALD E., JR. 2,928,049
ASAHARA, NORIMI 2,927,753
ASARI, TSUTOMU 2,943,758
ASHTON-MILLER, JAMES ANTHONY 2,927,986
ASPLIN, CHARLES L. 2,920,290
AXIS AB 2,927,295
AZAR, TONY 2,889,431
AZURE, MICHAEL T. 2,944,947
BADAWY, WAEL 2,945,419
BAKER HUGHES INCORPORATED 2,927,882
BALES, THOMAS O., JR. 2,945,596
BALLUFF GMBH 2,921,050
BALLUFF GMBH 2,921,059
BALZARINI, GAIA 2,925,847
BAONE, CHAITANYA ASHOK 2,927,520
BARBEY, BERTRAND 2,927,469
BARTLEY, RYAN 2,928,057
BATTELLE MEMORIAL INSTITUTE 2,926,993
BATTY, TIMOTHY 2,928,081
BAUDELOCQUE, LUC 2,927,469
BAUMGARTEN, JOACHIM 2,923,037
BAYER, THOMAS 2,921,050
BAYER, THOMAS 2,921,059
BEAUSSERON-VALENTIN, CECILE 2,921,606
BECERRA-RAMIREZ, ROBERTO 2,928,287
BELANGER, MARLIN 2,927,822
BERNAL-VAZQUEZ, PABLO MIGUEL 2,928,286
BERNART, FRANCIS 2,946,979
BETZ, WILLIAM R. 2,945,455
BEYOUND INDUSTRIES (NANJING) LIMITED 2,927,975
BICERANO, JOZEF 2,943,741
BIERIG, KEVIN R. 2,927,882
BIZUB, JEFFREY JACOB 2,927,277
BL PHOTONICS INC. 2,889,982
BLASKOVICH, PHILLIP D. 2,925,606
BLEY, KEITH R. 2,946,445
BOHN, JAN-PETER 2,926,504
BOHRA, LALIT KUMAR 2,940,007
BONNEAU, STEEVE 2,938,515
BONO, STEPHEN C. 2,946,778
BORMANN, BASTIAN 2,923,037
BOSSHARD, PIERRE 2,928,163
BOSSHARD, PIERRE 2,928,165
BOUCHER, DENIS 2,889,965
BOYCE, AMBER C. 2,928,441
BOYCE, LANCE N. 2,928,441
BRAIER, RAN 2,946,993
BROADHEAD, PETER 2,924,855
BROADHEAD, PETER 2,924,866
BROADHEAD, PETER 2,925,588
BROECKX, RUDY LAURENT MARIA 2,946,212
BROW, GEORGES RAYMOND 2,889,370
BROWN, MICHAEL ANDREW 2,946,037
BRUNE, THIERRY 2,921,606
BRUNO, LOUIS J. 2,928,047
BRUNO, LOUIS J. 2,928,048
BRUNO, LOUIS J. 2,928,049
BUCKINGHAM MANUFACTURING COMPANY, INC. 2,928,079
BUCKINGHAM MANUFACTURING COMPANY, INC. 2,928,081
BUSH, SHAWN D. 2,946,626
BUSSMANN, CHRISTOPH 2,923,037
CAMINO, NESTOR JESUS, JR. 2,928,233
CANFIELD, DEFOREST C. 2,928,081
CANO-HERRERA, MARIA DE LOS ANGELES 2,928,286
CANTAGREL, MARTIN 2,928,050
CAPPOZZO, DOMENICO 2,894,043
CARILLION UTILITY SERVICES LIMITED 2,946,189
CARRASCO, EDUARDO 2,926,120
CARVALHO, MARLOS VILLELA RANGEL DE 2,928,077
CASEBIER, DAVID 2,944,947
CAUTION, STEPHEN 2,927,544
CEDILLO-CRUZ, ALBERTO 2,928,286
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,946,326
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,946,329
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,946,336
CEQUENT CONSUMER PRODUCTS, INC. 2,946,979
CHAN, RICHARD 2,928,044
CHAUDHURI, NILANJAN RAY 2,927,520
CHEN, CHUNG MAN 2,946,569
CHEN, FEI 2,927,347
CHEN, QING 2,928,278
CHEN, WEICHUN 2,946,304
CHRISTENSEN, TODD 2,928,106
CLAAS SELBSTFAHRENDE ERNTEMASCHINEN GMBH 2,923,037
CLACK CORPORATION 2,927,963
CLONDIAG GMBH 2,946,024
CMP AUTOMATION INC. 2,924,687
COLAS 2,927,936
COLEMAN, MICAH A. 2,927,751
CONNY, DAWN M. 2,923,550
CONOCOPHILLIPS COMPANY 2,928,278
CONTINI, ENRICO 2,926,958
COSTAIN, KEVIN THOMAS 2,927,197
COSTE, ANDREW J. 2,946,156
COUDERC, XAVIER 2,921,606
COVIDIEN AG 2,945,596
COVIDIEN LP 2,925,481
COVIDIEN LP 2,925,482
COVIDIEN LP 2,925,606
COVIDIEN LP 2,926,086
COYNE, PATRICIA M. 2,928,266
CROUNSE, KENNETH R. 2,946,099
CYTEC TECHNOLOGY CORP. 2,945,331
D'ORLANDO, PAUL M. 2,928,047
D'ORLANDO, PAUL M. 2,928,048
D'ORLANDO, PAUL M. 2,928,049
DANFOSS A/S 2,925,847
DAVENPORT, ROGER 2,946,778

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

DAVIS, PAUL A. 2,924,855
DAVIS, PAUL A. 2,924,866
DELOS LIVING LLC 2,946,367
DENTSPLY INTERNATIONAL INC. 2,946,156
DEPIETRO, THOMAS 2,946,979
DESIGNER DIRECT, INC. 2,916,336
DEUDON, GUILLAUME 2,927,936
DEVILLE, DEREK DEE 2,945,596
DI MODUGNO, ROCCO 2,889,771
DICKMAN, ERICK M. 2,927,983
DICOSMO, FRANK 2,928,330
DICOSMO, FRANK 2,928,336
DILLE, MARK C. 2,922,682
DISCHIMO, DOUGLAS D. 2,944,947
DOLLAMUR, L.P. 2,928,211
DORSETT, WILLIAM A. 2,928,291
DOUCET, GENEVIEVE 2,921,606
DOWNEY, JASON 2,927,782
DRANGOVA, MARIA 2,889,205
DUGGAN, DESMOND 2,921,033
E INK CORPORATION 2,946,099
EAKINS, CHARLES A., JR. 2,927,983
ECOSTAR S.R.L. 2,894,043
EIFERT, ANDREW J. 2,924,855
EIFERT, ANDREW J. 2,924,866
EIFERT, ANDREW J. 2,925,588
EISELE, ERIC JON 2,946,367
ENDO, TAKAHITO 2,927,753
ENDOU, MASAAKI 2,946,841
ENEMARK, ALLAN 2,921,033
ENGLES, EDWARD R. 2,927,700
ERMANTRAUT, EUGEN 2,946,024
ESSER, JASON L. 2,928,291
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,940,007
FACEBOOK, INC. 2,946,879
FEDDEMA, CHAD 2,928,055
FENCHEL, MARTIN 2,927,834
FENSTER, AARON 2,889,217
FERGUSON, ANDREW 2,927,918
FERGUSON, ANDREW M. 2,928,236
FERGUSON, ANDREW M. 2,928,239
FERGUSON, ANDREW M. 2,928,245
FERGUSON, ANDREW M. 2,928,256
FERGUSON, ANDREW M. 2,928,257
FERRAND, REBECCA 2,925,563
FERRAND, REBECCA 2,926,671
FERRANDO, NICOLAS 2,928,163
FILLIERS, WALTER FERDINAND MARIA 2,946,212
FILO AMERICA 2,925,845
FITCHKO, AARON F. 2,946,569
FLICK, KENNETH E. 2,925,135
FLORES-GARCIA, ISRAEL 2,928,287
FLORIDI, GIOVANNI 2,889,771
FONTECCHIO, ADAM K. 2,946,367
FORNARA, DARIO 2,889,771
FORUM US, INC. 2,922,682
FOSTER, JACLYN 2,927,780
FOURTH ARROW, LLC 2,928,110
FOURTH ARROW, LLC 2,928,123
FOWLER, GREGORY D. 2,928,211
FREDERIKSEN, BJARNE 2,925,847
FREEMAN, BENJAMIN DAVID 2,925,671
FREUDENBERG MEDICAL, LLC 2,925,669
FUJIGAKI, TETSUO 2,946,841
FUJIYOSHI, TADASHI 2,927,753
FUKUNAGA, ATSUSHI 2,946,841
FUNKHOUSER, GARY P. 2,928,236
FUNKHOUSER, GARY P. 2,928,237
FUNKHOUSER, GARY P. 2,928,239
FUNKHOUSER, GARY P. 2,928,245
FUNKHOUSER, GARY P. 2,928,256
FUNKHOUSER, GARY P. 2,928,257
FURNISH, GREG 2,925,669
GAO, WENGANG 2,928,145
GE ENERGY POWER CONVERSION TECHNOLOGY LTD 2,927,272
GE ENERGY POWER CONVERSION TECHNOLOGY LTD 2,927,524
GENERAL ELECTRIC COMPANY 2,927,197
GENERAL ELECTRIC COMPANY 2,927,260
GENERAL ELECTRIC COMPANY 2,927,277
GENERAL ELECTRIC COMPANY 2,927,496
GENERAL ELECTRIC COMPANY 2,927,520
GENERAL ELECTRIC COMPANY 2,946,551
GEORGIA-PACIFIC CONSUMER PRODUCTS LP 2,943,933
GERVAIS, OLIVIER 2,940,007
GETZLAF, DON 2,927,973
GILLIS, BROCK 2,927,973
GLEIMAN, SETH 2,926,086
GOLLINUCCI, GIACOMO 2,927,969
GOMAA, HAZEM 2,945,419
GOMADAM, KARTHIK 2,921,033
GOODRICH ACTUATION SYSTEMS SAS 2,928,050
GOODRICH CORPORATION 2,919,505
GOODWIN, IAN 2,928,057
GRANADOS-COVARRUBIAS, EVIN HAZAEL 2,928,287
GREEN, MATTHEW D. 2,946,778
GREPINET, BARBARA 2,925,563
GREPINET, BARBARA 2,926,671
GRIERSON, DAVID 2,946,326
GRIERSON, DAVID 2,946,329
GRIERSON, DAVID 2,946,336
GROWERS EXPRESS, LLC 2,920,209
GU, YONG (JOE) 2,912,898
GU, YONG JOE 2,909,388
GUERCIO, VINCENZO 2,928,145
GUERRERO-SANDOVAL, JUAN MANUEL 2,928,286
GUSSAKOVSKY, EFIM 2,889,982
GUSSAKOVSKY, EUGENE 2,889,982
HACH, FORREST CHRISTOPHER 2,927,197
HAJ-AHMAD, YOUSEF 2,889,405
HAMILTON SUNDSTRAND CORPORATION 2,928,047
HAMILTON SUNDSTRAND CORPORATION 2,928,048
HAMILTON SUNDSTRAND CORPORATION 2,928,049
HANSEN, ERIC CHRISTIAN 2,927,736
HAQUE, EHTESHAMUL 2,943,933
HARDING, KEVIN GEORGE 2,927,260
HARMON, CYRUS L. 2,928,060
HARNISCHFEGER TECHNOLOGIES, INC. 2,927,385
HARNISCHFEGER TECHNOLOGIES, INC. 2,928,291
HARRINGTON, DEMETRIOUS MARK 2,946,099
HATSUDA, MASANORI 2,946,212
HAUKOM, MICHAEL JAMES 2,920,026
HAYASAKA, YASUSHI 2,946,841
HEITMANN, CHRISTOPH 2,923,037
HEMSTEDT GMBH 2,889,401
HEMSTEDT, ANDREAS 2,889,401
HENDRICK, CHRISTOPHER J. 2,927,544
HERTER, FELIX 2,923,037
HILLIER, STEVEN 2,924,855
HILLIER, STEVEN 2,924,866
HIPSKY, HAROLD W. 2,928,047
HIPSKY, HAROLD W. 2,928,048
HIPSKY, HAROLD W. 2,928,049
HITACHI INDUSTRY & CONTROL SOLUTIONS, LTD. 2,926,352
HITACHI, LTD. 2,926,352
HITACHI, LTD. 2,926,359
HITACHI, LTD. 2,946,841
HOCHSTUHL, JOCHEN 2,927,834
HOCHSTUHL, JOCHEN 2,928,063
HODGES GALLAGHER, LESLIE CAROL 2,928,060
HODGKINSON, GERALD 2,926,086
HOLDSWORTH, DAVID W. 2,889,205
HOLING, NIELS GREGERSEN 2,925,847
HONEYWELL INTERNATIONAL INC. 2,927,935
HORIKOSHI, YU 2,926,352
HOSHIYA, KAZUMI 2,927,753
HOSKINS, TERRY W. 2,928,561
HOTTE, KENNETH PAUL 2,889,361
HSU, CHIEHLUNG JAY 2,943,933
HUANG, KUO-CHAN 2,923,066
HUANG, KUO-CHAN 2,923,069
HUBER, DAVID T. 2,928,291
HUNG, CHENG-HSIANG 2,928,275
IIZUKA, MOTONOBU 2,946,841
IMPERIAL OIL RESOURCES LIMITED 2,940,007
INDUSTRO INTERNATIONAL CO., LTD. 2,923,066
INDUSTRO INTERNATIONAL CO., LTD. 2,923,069
INSTITUT CURIE 2,946,326
INSTITUT CURIE 2,946,329
INSTITUT CURIE 2,946,336

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

INTELLIVIEW TECHNOLOGIES INC. 2,945,419
INVENSYS SYSTEMS, INC. 2,928,233
ISHIHARA, YOUICHI 2,926,359
ISHIKAWA, KENJI 2,926,352
ISRAEL AEROSPACE INDUSTRIES LTD. 2,946,993
ITO, YOSHIO 2,927,753
IZUOKA, DAISUKE 2,927,989
JANSSEN PHARMACEUTICA N.V. 2,946,212
JIAN, HU 2,889,872
JOHNSON, KEN 2,927,973
JOHNSON, MICHAEL ROYCE 2,927,197
JONES, SIMON L. 2,924,855
JONES, SIMON L. 2,924,866
JOYCE, STEVEN 2,925,481
JPW INDUSTRIES INC. 2,927,751
JUAREZ-LAGUNAS, JORGE ALBERTO 2,928,286
KAISER, THOMAS 2,946,024
KAJINO, KATSUHIRO 2,945,723
KAMMERER, ANDREAS 2,921,050
KAMMERER, ANDREAS 2,921,059
KANNO, YOSHIHITO 2,927,989
KEMPSON, JEFFREY 2,927,782
KERR, STEVE 2,928,211
KETTELHOIT, BORIS 2,923,037
KIM, HONG-YONG 2,946,304
KIM, JOO YOUNG 2,946,947
KINDO, TOSHIKI 2,928,073
KING, ROBERT WAYNE 2,889,598
KING, ROBERT WAYNE 2,928,044
KINOSHITA, GOHKI 2,927,989
KLIMEK, DAVID 2,927,700
KLINE, ERIN G. 2,928,047
KLINE, ERIN G. 2,928,048
KLINE, ERIN G. 2,928,049
KLING, ANDREW LEE DAVID 2,928,233
KLOOSTER, JOEL KENNETH 2,946,551
KNUDSEN, DAVID L. B. 2,943,933
KOEHN, DENNIS 2,926,958
KOKKO, BRUCE J. 2,943,933
KOLLA, HARSHA 2,945,331
KOLLAR, CHARLES 2,925,481
KOMATSU LTD. 2,945,723
KOS, DUSTIN 2,927,822
KOSINSKI, DAVID 2,927,975
KRAUSE, THILO 2,923,037
KREIKEMEIER, BRUCE 2,927,886
KROENING, ADAM M. 2,927,935
KT CORPORATION 2,946,947
KUSHNER, PETER J. 2,928,060
KUWAHARA, SEIJI 2,927,753
KWON, JAE CHEOL 2,946,947
LAFOND, JEAN-CHRISTOPHE 2,928,163
LAMBERTI SPA 2,889,771
LAN, LIN 2,927,272
LANDAU, GABRIEL D. 2,946,778
LANTHEUS MEDICAL IMAGING, INC. 2,944,947
LARONDE, TIMOTHY 2,889,237
LASTIWKA, MARTIN 2,928,044
LAVOIE, ROLAND G. 2,925,522
LAWRENCE, SALLY 2,927,780
LAZCANO-SERES, JOSE MIGUEL 2,928,286
LAZCANO-SERES, JOSE MIGUEL 2,928,287
LAZZARA, CHRISTOPHER J. 2,943,741
LEE, BAE KEUN 2,946,947
LEMONS, KEL EUGENE 2,920,209
LEROUX, ASHLEY 2,905,891
LEVIN, KERRY 2,916,336
LI BASSI, GIUSEPPE 2,889,771
LIANG, JESSICA 2,946,304
LIN, JASON 2,946,099
LIND, CHAD 2,928,211
LINDE AKTIENGESELLSCHAFT 2,926,504
LINDHOLM, BRIAN ERIC 2,927,272
LINSCOTT, RICHARD LINWOOD 2,928,233
LINTON, CHRISTOPHER M. 2,945,455
LIU, ALEX 2,946,569
LIU, WILLOW ZHU 2,924,849
LIU, YANG 2,927,347
LONG, TENG 2,927,524
LORENTZ, JAMES 2,909,388
LORENTZ, JAMES 2,912,898
LUTH, JAMES GERARD 2,928,233
MACCHIA, ENZO 2,927,035
MACCHIA, ENZO 2,927,037
MACDONALD, MARTIN R. 2,946,136
MACHA, RAJA RAMANA 2,928,233
MAHUTEAU-BETZER, FLORENCE 2,946,326
MAHUTEAU-BETZER, FLORENCE 2,946,329
MAHUTEAU-BETZER, FLORENCE 2,946,336
MALJANIAN, JOHN M., JR. 2,928,047
MALJANIAN, JOHN M., JR. 2,928,048
MALJANIAN, JOHN M., JR. 2,928,049
MARKEN, FREDRICK R. 2,915,327
MARKEY, NIGEL ROBERT 2,921,033
MARKVART, ARNE 2,925,847
MARTINS, ALEXANDRE 2,927,295
MASUD, FAISAL 2,928,057
MATAS, MICHAEL 2,946,879
MATSUMOTO, MASANORI 2,946,841
MATTHEEUSSEN, STEVEN B. 2,943,933
MAYER-ROSA, MICHAEL 2,921,050
MAYER-ROSA, MICHAEL 2,921,059
MCCLAIN, JAMES B. 2,946,195
MCCONNACHIE, PETER NAIRN 2,889,613
MCCUE CORPORATION 2,928,074
MCCUE, DAVID S. 2,928,074
MCCULLOUGH, JASON 2,926,993
MCKINNEY, KELSEY A 2,927,882
MEDENG RESEARCH INSTITUTE LTD. 2,924,849
MEKETA, MATTHEW 2,889,586
MELGAR-FERNANDEZ, ROBERTO CARLOS 2,928,287
MENARD, FRANCOIS 2,946,364
MENARD, WENDELL P. 2,928,278
MENDOZA,-REYES, JESSICA MARIEL 2,928,286
MESA, TEODORO A. 2,928,074
MICELL TECHNOLOGIES, INC. 2,946,195
MILLER, BENJAMIN R. 2,889,369
MILNER, JACQUES S. 2,889,205
MIRZAEI, AMIR A. 2,888,866
MIRZAEI, AMIR A. 2,927,781
MITSUBISHI TANABE PHARMA CORPORATION 2,946,212
MOBIUS, KLAUS-PETER 2,946,024
MOHEBI, MONIR M.M. 2,888,569
MOISAN, BRENT ALLEN 2,889,586
MONO SLAB EZ FORM LLC 2,928,441
MONTEIRO, LUCIANO TRINDADE DE SOUSA 2,913,348
MONTIEL-PEREZ, MARTIN RAUL 2,928,287
MOORE, ROBERT C. 2,928,339
MORITA, HIROKI 2,927,989
MORNEAU, NATHALIE 2,938,515
MORRIS, BENJAMIN 2,925,669
MUHAMMAD, NAWEED 2,946,445
MULROONEY-COTE, STEPHAN L. 2,889,235
MUPAMBIREYI, USHINDIBABA 2,927,524
MUTZ, MICHAEL 2,946,304
MYLES, DAVID C. 2,928,060
NADIG, DIVYA VIJAYA VITTALA 2,925,482
NAFIS, CHRISTOPHER ALLEN 2,927,260
NAGAI, TAKAO 2,945,723
NAKAYAMA, TAKESHI 2,946,841
NCS MULTISTAGE INC. 2,927,973
NEAL-BUHLER, MATTHEW J. 2,889,231
NEET, JOHN 2,946,195
NELSON, YVES 2,889,565
NEPTUNE RESEARCH, INC. 2,943,741
NESBITT, MATTHEW 2,927,469
NEU, SEBASTIAN 2,923,037
NEUCOM DATA CORP. 2,889,177
NEUFELDT, CONRAD 2,889,177
NEUMANN, ULRICH WERNER 2,927,197
NEWTERRA LTD. 2,927,782
NIESTE, PATRICK HUBERT J. 2,946,212
NORGEN BIOTEK CORP. 2,889,405
NORTH, KELVIN 2,888,910
NOTTAGE, RYAN 2,946,626
NOVARTIS AG 2,946,304
O'HARE, MARK S. 2,946,778
ODIN, JEAN-CHRISTOPHE 2,928,165
OHRI, RACHIT 2,925,606
OMEGA PATENTS, L.L.C. 2,925,135
OMOTOSO, OLADIPO 2,889,586
OOTSUKA, YUUSAKU 2,926,352
OOTSUKA, YUUSAKU 2,926,359
OPTION INDUSTRIES INC. 2,927,822
ORSINI, RICK L. 2,946,778
OSHINO, TADAYOSHI 2,943,758
OTSUKI, YASUNORI 2,946,841
OUTOTEC OYJ 2,946,037
PALMER, MATTHEW A. 2,945,596

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

PAPADIMITRIOU, JASON A. 2,927,910
PAPADIMITRIOU, NICHOLAS A. 2,927,910
PAPADIMITRIOU, STYLIANOS 2,927,910
PAPADIMITRIOU, WANDA 2,927,910
PARKER, WILLIAM B. 2,946,532
PATTERSON, ROBERT CLAY 2,927,882
PENNA, CHRISTOPHER 2,925,481
PERRY, ARIE 2,946,993
PFEIFFER, GAYLON MITCHELL 2,927,197
PFIZER INC. 2,927,736
PFIZER INC. 2,928,060
PIE MEDICAL IMAGING B.V. 2,926,958
PIERONI, ROBERT J. 2,946,156
POLLMANN, STEVEN L. 2,889,205
PORTER, LISA 2,928,211
POULIN-PIERRE, SAMY-LAEL S. L. S. 2,888,857
POURBABA, FRED 2,925,845
POURBABA, OLIVER NATHAN 2,925,845
PRABHAKARAN, SATISH 2,927,496
PRASHAD, MAHAVIR 2,946,304
PRATT & WHITNEY CANADA CORP. 2,927,035
PRATT & WHITNEY CANADA CORP. 2,927,037
PUROHIT, AJAY 2,944,947
PYRON, STEVEN W. 2,927,882
QIU, WU 2,889,217
RAB LIGHTING INC. 2,928,145
RACENET, DAVID 2,926,086
RAD, HIRBOD 2,888,866
RAD, HIRBOD 2,927,781
RADEKE, HEIKE S. 2,944,947
RASKOVIC, DARKO 2,946,037
RAVENSBERGEN, JOHN EDWARD 2,927,973
RAVISHANKAR, SATHANJHERI 2,945,331
REDD, RODNEY ROBERT, II 2,927,197
REHBERG, ERIC 2,926,993
REINARTZ, RIANNE 2,926,958
RIBEIRO MARQUES, MARCIO 2,928,077
RITCHIE, SHELDON 2,928,055
RITZEMA RAUTENBACH, HELPERUS 2,919,505
ROBERTS, MARK JULIAN 2,927,347
ROBERTSON, JENNA N. 2,928,257
ROBINSON, SIMON P. 2,944,947
ROCK, ROBERT G. 2,928,068
ROLLS-ROYCE CORPORATION 2,924,853
ROLLS-ROYCE CORPORATION 2,924,855
ROLLS-ROYCE CORPORATION 2,924,866
ROLLS-ROYCE CORPORATION 2,925,588
ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC. 2,924,855
ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC. 2,924,866
ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC. 2,925,588
ROLLS-ROYCE PLC 2,924,855
ROLLS-ROYCE PLC 2,924,866
ROLLS-ROYCE PLC 2,925,588
ROMAN DECORATING PRODUCTS LLC 2,889,363
ROSEMOUNT AEROSPACE INC. 2,920,026
ROUTLEDGE, ALEX 2,946,189
ROUX, PIERRE 2,946,326
ROUX, PIERRE 2,946,329
ROUX, PIERRE 2,946,336
RUGGED LINER, INC. 2,927,975
RULLO, JAMES J. 2,928,079
RULLO, JAMES J. 2,928,081
RUSICH, RICHARD 2,928,047
RUSICH, RICHARD 2,928,048
RUSICH, RICHARD 2,928,049
SACRIPANTE, GUERINO G. 2,926,279
SACRIPANTE, GUERINO G. 2,926,283
SAFE D RAIL, INC. 2,923,550
SAINT MARTIN, OLIVIER 2,928,165
SAITO, HIROMICHI 2,943,758
SALDANA-DIAZ, BLANCA LILIA 2,928,287
SALITURO, FRANCESCO G. 2,944,788
SANCHEZ-MERELES, DONATO MANUEL 2,928,286
SANJEL CANADA LTD. 2,927,780
SANTOYO-TEPOLE, BLANCA MIRIAM 2,928,286
SAUNDERS, JEFFREY O. 2,944,788
SCHMIDT, RYAN 2,919,505
SCHOCK BAUTEILE GMBH 2,927,834
SCHOCK BAUTEILE GMBH 2,928,063
SCHROEDER, ULRICH 2,927,469
SCHULTZ, ROGER L. 2,927,918
SCHULTZ, ROGER L. 2,928,236
SCHULTZ, ROGER L. 2,928,237
SCHULTZ, ROGER L. 2,928,239
SCHULTZ, ROGER L. 2,928,245
SCHULTZ, ROGER L. 2,928,256
SCHULTZ, ROGER L. 2,928,257
SCHULZ, TORSTEN 2,946,024
SCIRICA, PAUL A. 2,925,481
SDP IP HOLDINGS, LLC 2,946,626
SEADEEK, CHRISTOPHER SCOTT 2,927,736
SECURITY FIRST CORP. 2,946,778
SHAW INDUSTRIES GROUP, INC. 2,928,211
SHELDON, DONALD 2,946,367
SHI, JUN 2,925,588
SHWERY, ROBERT M. 2,924,687
SIGMA-ALDRICH CO. LLC 2,945,455
SIGNA S.A. DE C.V. 2,928,286
SIGNA S.A. DE C.V. 2,928,287
SIGURDSSON, HARALDUR 2,925,847
SIMAN, RON 2,909,388
SIMAN, RON 2,912,898
SIPPEL, AARON D. 2,924,855
SIPPEL, AARON D. 2,924,866
SIPPEL, AARON D. 2,925,588
SJODIN, THEODORE A. 2,946,099
SKF CANADA LIMITED 2,927,469
SKF MAGNETIC MECHATRONICS 2,926,120
SKF MAGNETIC MECHATRONICS 2,927,469
SKRABAK, DENNIS 2,889,363
SMITH, KEVIN W. 2,945,596
SNIFFIN, KEVIN 2,925,482
SO, UDELL 2,927,469
SOFRADIM PRODUCTION 2,921,606
SOFRADIM PRODUCTION 2,925,563
SOFRADIM PRODUCTION 2,926,671
SOLID FLUIDS & TECHNOLOGIES CORP. 2,928,561
SORSCHER, ERIC J. 2,946,532
SOUTHERN RESEARCH INSTITUTE 2,946,532
SPRONKEN, JOHN RENE 2,940,559
SST SYSTEMS, INC. 2,928,068
STAPLES, INC. 2,928,057
STEPIEN, BRIAN 2,920,209
STRICKLEN, PHIL 2,928,211
SU, CHIA-CHEN 2,946,099
SUDOU, TSUGIO 2,945,723
SUNCOR ENERGY INC. 2,889,586
SUNCOR ENERGY INC. 2,889,598
SUNCOR ENERGY INC. 2,928,044
SURAWSKI, ERIC 2,928,047
SURAWSKI, ERIC 2,928,048
SURAWSKI, ERIC 2,928,049
SUZUKI, YASUYUKI 2,945,723
SYNCRUDE CANADA LTD. 2,909,388
SYNCRUDE CANADA LTD. 2,912,898
TAIT, ROBERT WILLIAM 2,927,260
TAKEDA, KOJI 2,945,723
TANEJA, KUNAL 2,921,033
TAYLOR, DOUGLAS 2,946,195
TAZI, JAMAL 2,946,326
TAZI, JAMAL 2,946,329
TAZI, JAMAL 2,946,336
TEETER, MATTHEW G. 2,889,205
TELEHA, CHRISTOPHER 2,946,212
TERRELL, JEFFREY E. 2,927,986
THALES 2,928,163
THALES 2,928,165
THE HILLMAN GROUP, INC. 2,928,339
THE UAB RESEARCH FOUNDATION 2,946,532
THOMAS & BETTS INTERNATIONAL LLC 2,925,671
THOMAS, DAVID J. 2,924,855
THOMAS, DAVID J. 2,924,866
THOMAS, DAVID J. 2,925,588
THRU TUBING SOLUTIONS, INC. 2,927,918
THRU TUBING SOLUTIONS, INC. 2,928,236
THRU TUBING SOLUTIONS, INC. 2,928,237

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

THRU TUBING SOLUTIONS, INC. 2,928,239
THRU TUBING SOLUTIONS, INC. 2,928,245
THRU TUBING SOLUTIONS, INC. 2,928,256
THRU TUBING SOLUTIONS, INC. 2,928,257
TOBIAS, JEFFREY 2,946,445
TOJIMA, MASANORI 2,945,723
TONG, JIANFENG 2,927,975
TOWLER, CHRISTOPHER 2,946,304
TOWN, STUART 2,946,209
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,927,753
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,927,989
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,928,073
TRIGLAVCANIN, RICHARD 2,946,037
TRUESDELL, KEVIN W. 2,928,079
TRUESDELL, KEVIN W. 2,928,081
TUCHSCHEERER, JENS 2,946,024
TUNDRA PROCESS SOLUTIONS LTD. 2,905,891
TUNG, TERESA SHEAUSAN 2,921,033
TURBO DRILL INDUSTRIES, INC. 2,928,055
UEMURA, KAZUNORI 2,926,359
UHLIG, THOMAS 2,946,024
UNIVERSITE DE MONTPELLIER 2,946,326
UNIVERSITE DE MONTPELLIER 2,946,329
UNIVERSITE DE MONTPELLIER 2,946,336
USTACH, THOMAS 2,928,074
VAIL, THOMAS 2,925,563
VAIL, THOMAS 2,926,671
VALMONT INDUSTRIES, INC. 2,927,886
VAN DER KNAAP, MATTHIJS 2,928,286
VAN ZEE, RYAN 2,928,106
VARNEY, BRUCE F. 2,924,855
VARNEY, BRUCE F. 2,924,866
VAUGHAN, DON 2,927,963
VECCHIOLA, MICHAEL VICTOR 2,928,266
VEMANA, PRATABKUMAR 2,928,057
VEROLUBE, INC. 2,946,136
VETTERS, DANIEL K. 2,924,855
VETTERS, DANIEL K. 2,924,866
VETTERS, DANIEL K. 2,925,588
VIPER TOOL COMPANY, LLC 2,927,986
VOCKING, HENNER 2,923,037
VOELZ, NICHOLAS R. 2,927,385
VON SCHENK ZU SCHWEINSBERG, ALEXANDER 2,946,024
VOON, GERARD 2,888,854
WADE, ALLAN E. 2,946,569
WAL-MART STORES, INC. 2,927,544
WALKER, M. STEVEN 2,928,057
WALSTON, JEFFREY A. 2,924,855
WALSTON, JEFFREY A. 2,924,866
WANG RUXI 2,927,496
WANG, BING 2,945,331
WANG, JIAN DONG 2,946,037
WANG, JUN 2,927,272
WARRENDER, NEIL 2,927,780
WASDAL, TIMOTHY 2,927,780
WATANABE, YOSHINORI 2,928,073
WATSON, BROCK W. 2,927,918
WATSON, BROCK W. 2,928,236
WATSON, BROCK W. 2,928,237
WATSON, BROCK W. 2,928,239
WATSON, BROCK W. 2,928,245
WATSON, BROCK W. 2,928,256
WATSON, BROCK W. 2,928,257
WEBER, CHARLES 2,927,751
WEI, CHENGPING 2,927,975
WEINHARDT, DANIEL 2,924,687
WEINHARDT, HENRY D. 2,924,687
WEIR MINERALS AUSTRALIA LTD 2,946,209
WICHMAN, KEITH DOUGLAS 2,946,551
WILKEN, ANDREAS 2,923,037
WILKINS, JOANNE 2,946,189
WILL, GARY E. 2,928,339
WILLIAMS, JUSTIN 2,925,481
WILLIAMSON, SCOTT 2,927,975
WILLMAN, STEPHANIE LOHBERG 2,927,197
WILSON, BENJAMIN 2,927,782
WONG, TONY 2,927,822
WOOD, STEPHEN 2,927,524
WU, RUOQIU 2,946,304
WYNALDA, ROBERT M., JR. 2,928,110
WYNALDA, ROBERT M., JR. 2,928,123
XEROX CORPORATION 2,926,279
XEROX CORPORATION 2,926,283
XIA, JIYANG 2,889,586
YADA, MITSUHIRO 2,946,212
YAMASHITA, KOUICHI 2,945,723
YAN, SHUNQI 2,944,788
YAN, XICHANG 2,927,975
YANAGIDA, YASUHIRO 2,945,723
YANG, CHENG-CHUAN 2,889,230
YANG, MICHAEL 2,927,975
YASUI, YOSHIHIRO 2,946,841
YOSHINAGA, MASAHIKO 2,946,212
YOSHINO KOGYOSHO CO., LTD. 2,943,758
YUAN, SIMON 2,909,388
YUAN, SIMON 2,912,898
YUAN, SONG 2,927,295
ZAMBRANO-HUERTA, ARMANDO 2,928,287
ZELLER, ROBERT J. 2,924,853
ZHANG, FAN 2,927,272
ZHANG, RICHARD S. 2,927,272
ZHANG, YINGQI 2,927,272
ZHAO, YAZHU 2,927,272
ZHOU, KE 2,926,279
ZHOU, KE 2,926,283
ZHU, HONG 2,889,598
ZHU, HONG 2,928,044
ZYWIAK, THOMAS M. 2,928,047
ZYWIAK, THOMAS M. 2,928,048
ZYWIAK, THOMAS M. 2,928,049